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Z

No. 589.

March 26th 90

My dear Mr. Coville

In your notes on the Junci of 1887 you ~~state~~ say J. xiphioides, var. littoralis = Oxymeris Engelm. var. macranthus Engelm. = Bolanderi and J. falcatus = var. paniculatus Engelm. I have examined my specimens and agree with your corrections and have changed the names as you suggested

<u>I do not agree with you</u> that J. nevadensis Wats. = J. acuminatus var. legitimus Engelm. Remember this is a <u>late</u> flowering species and acuminatus is an early flowering one. Engelmann says that J. acuminatus is not found west of the Missouri and my specimens are from the Pacific Coast. Watson himself named it J. nevadensis for me. Please take another look at the specimens and see what you make of it.

Very truly yours

J. Ford Mason

F. V. Coville Esq.
National Museum
Washington D.C.

No. 599

March 26th 90

My dear Mr. Coville

In your notes on the fungi of 1889 you called my

G. sulphureus, var. Roestelia = Gymnosporangium Engelm. var.

Macropus Engelm. = Roestelia and G. fuscum = var.

Juniperinum Engelm. I have examined my specimens

and agree with your remarks and have changed the

names as you suggested.

I do not agree with you that G. Juniperum

Willd. = G. clavariaeforme var. Engelm. Roestelia

this is a late-flowering species and Roestelia is

an early flowering one. Engelmann says that G.

clavariaeforme is not found east of the Mississippi

and my specimens are from the Pacific Coast. Ellis

kindly named it G. Juniperinum for me. Please let

me know what you think of it and oblige

Yours truly

J. Alfred Meeson

F. V. Coville Esq.
National Museum
Washington D.C.

M6 08

Ottawa March 26th 20

Dear Sir

With this I return you your MS and the remainder of your proof pages. Your cablegram was received and word sent at once to Montreal to stop the printer, but I have not yet learned from him whether the first 20 pages had yet been struck off. If so your corrections must take the form of an addendum. I leave for Brit. Columbia 4 weeks from to-day and I would be very glad if the proof could be returned before then. The enclosed pages are the 2nd proof and you will no doubt find typographical errors that will in the meantime have been made right.

Yours truly

John Macoun

Mr W. Pearson
Eccles nr Manchester

Ottawa March 26th 80

Dear Sir

With this I return you your Mss the manuscript of your father [illegible]

[illegible]

No6. 91.

March 28th

My dear Sir

Your note of the 26th inst. was received a day or two since. I write to thank you for your kind offer.

This year I am publishing Part [illegible] of my Catalogue and am writing an addendum to bring our knowledge up to date. This will be distributed in the Autumn.

Now I do not want a list of all the plants in a neighborhood but should you find anything you were not sure about or that was new to your section of Nova Scotia and send me a scrap of the specimen for identification I would return the specimens if necessary and give you the names. Every year after this I shall write a report of the Naturalist and all new information will be incorporated. Hoping you may be able to do a little next year I remain truly yours

John Macoun

E. J. Lay Esq.
Amherst. Nova Scotia

No. 26.

March 28th

My dear Sir

Your note of [illegible] & 24th inst. received to-day & I thank you for your kind offer.

This year I am publishing Part [illegible] of my Catalogue and am adding as [illegible] to bring our knowledge up to date. This will be distributed in the Autumn.

Now I do not want a list of all the plants in a neighbourhood but should you find anything you are not sure about or that are new to your section of Nova Scotia and send me a scrap of the specimen for identification I would return the specimens if necessary and give you the names. Every year after this I will issue a report of the additional and new information and be able to [illegible] a little information. Hoping you may be [illegible] I remain truly yours

John Macoun

[illegible] Esq.
Amherst. Nova Scotia

No. 102

March 27th 90

Dear Dr. Britton

The Ranunculus and Anemones have been received in good order. Thanks for the notes. I will incorporate them.

In three weeks or a little more I will be leaving for the field but letters will find me easily. If there are any species in particular you desire to get let me know as we will get them for you.

The article on Viscum was in the box. I will use the name in changing the genus.

I read Mr. Porter's article on the new Manual. He is evidently right. The new manual staggered me but this one has knocked me down. It seems from it that nothing (scarcely) has been done in the Northern States for 40 years. Is it the local botanists or the editors that are slumbering? Poor Canada has been left out altogether so it may come to pass that in a year or two I will have to

No. 102

March 27th 90

Dear Dr. Britton

The Ranunculus and Arenaria have been re-ceived in good order. Thanks for the notice very important there.

I am this week on a little more [illegible] ing for the fields [illegible] and find [illegible] If there are any species in Ranunculus you desire to get let me know as we are not yet [illegible] for years.

The article on Silene now in the [illegible] is [illegible] in changing the genera.

I read Mr. Porter's article on the [illegible]. He is evidently right. The same remark [illegible] one but this one has been named by me. [illegible] of that northern (arctic) form has been in the [illegible] States for 40 years. [illegible] on the exhibition list as [illegible]. Prof. Greene has been left out altogether as it may come to [illegible] that in a [illegible] or two I will have to

2

publish a botany of Canada myself. I was sure that for the sake of an increased sale Canada in part would have been introduced but we are completely ignored. As to the merits of the work I have nothing to say but find the descriptions in some cases rather old. Few if any native plants are identical with European and I think in any case these should be described from native specimens.

Very sincerely yours
John Macoun

Dr. L. N. Britton
Columbia College
New York.

Mc. 603

March 28th 90

Dear Mr. Beeby

Your letter with notes reached me yesterday. Please accept my thanks for your promptness in naming the Sphagnums sent you through Mr. Bennett. I am much pleased with the results of last year's explorations in all lines. We procured new birds, new mammals, new reptiles new insects and new plants in large numbers. Of mosses alone we have over 40 species new to science or North America.

The Prince Edward Island one of Sphagnum is I believe all right as I have it from four localities. I like your statement that No. 30 is more a state than a var. as that agrees exactly with the conditions under which it was found. I am glad to know you are going to the Shetland Isles this summer as I feel you would enjoy it very much. My work will be in the mountains again this year but will be chiefly between the two arms of the Columbia north of the 49th parallel.

Wishing you a pleasant summer I remain Very truly

W. H. Beeby, Esq. 14 Ridgmount Rd. London — Yours J. Macoun

No. 603

March 28th 90

Dear Mr. Darby

Your letter with notes reached me yesterday. Please accept my thanks for your compliments on receiving the [illegible] and your thought Mr. Roosevelt. I was much pleased with the results of last year's explorations on all sides. The beautiful new bird, our [illegible], the [illegible] new animals and new plants in large numbers of [illegible] we have seen the specimens [illegible] in North America.

The [illegible] [illegible] [illegible] is [illegible] [illegible] [illegible]

Wishing you a pleasant [illegible] I remain very truly

[illegible] Esq.

No604

March 27th 90

Dear Mr. Bennett,

Your letter with the notes on Orthoptera was received yesterday and I thank you very much for your promptness in going over the Orthoptera and others. We are still finding additional things and [illegible] hope to do better next summer. I am [illegible] I did not send you a [illegible] I found in a [illegible] below Lake 200 miles from the coast and [illegible]. Walker, Britton and myself have [illegible] and all think I have written to say that I am describing it now. I would like to have it in my present publication. I would like to have your opinion of it and if now for you to describe it and I will substitute your description for mine if it reaches me in time. I have incorporated your notes in the [illegible] way. [illegible] has written in the same way. [illegible] and has straightened out many difficulties. Only a few remain to be settled to our satisfaction.

The coming summer I will be in the [illegible] and hope to add many

District of British Columbia

2

fine things to our collections. I did not send you the Carices the past winter but next autumn will send both years at the same time.

I escaped (la Grippe) but many of my Colleagues were struck down and a few are suffering still. It passed over my family very lightly although we complained a little.

Mr. [illegible] has also been [illegible] with the [illegible] and [illegible] the names.

I am glad to have the two new [illegible], especially the beautiful [illegible].

We will look out for more.

Very sincerely yours

John Macoun

Arthur Bennett Esq.

Croydon

England.

10515

March 26th 90

Dear Prof. Bailey

Your note of the 20th inst. has been received. Thanks you very much for your explanation regarding [illegible]. I have changed the name. I have written out the description of [illegible] [illegible] [illegible] [illegible], and will publish it with the other notes. The specimens I referred to in my last were No 28 of 1887. They were sent from [illegible] of [illegible]. Your note regarding [illegible] was "Mixed. The one marked No 3. No 6 and 23/7/87 are [illegible] vulgaris, [illegible]. No. 4 and No 8 are var. [illegible]. No 1 is intermediate between the [illegible] and var. [illegible]."

In going over my specimens the other day I saw there was a mistake regarding [illegible] vulgaris [illegible] you did not send [illegible] [illegible] [illegible] at any time. The specimens referred to [illegible] in my Catalogue [illegible] 146 are the ones included in

March 26th 90

Dear Prof. Bailey

Your note of the 20th inst. has been re-
ceived. Thank you very much for your explanation
regarding the [illegible]. I have changed the name.
I have [illegible] out the [illegible] of [illegible]
[illegible] and [illegible] it with the other
notes. The specimens I referred to in my last
was No 26 of 1097. They are [illegible] No [illegible]
[illegible] regarding No [illegible] "Mixed." The [illegible]
No 3. No 6 and [illegible] are [illegible]. No 4
and No 5 are [illegible]. No 1 is intermediate be-
tween the [illegible] and [illegible]."
In giving [illegible] my specimens [illegible]
[illegible] I [illegible] a [illegible] regarding [illegible]
[illegible] you did not send [illegible]
any [illegible]. The specimens referred to [illegible]
in my Catalogue No. [illegible] 196 are [illegible]

2

No. 28 The reason why I placed them there was because [illegible] C. [illegible] Aug. 18, 1882 was exactly like my specimens and you placed his under the former and I did the same with mine. I may be mistaken in your reference.

Would you kindly take another look at these and let me know if all are [illegible].

No. 24, 26 and 27 might be worth looking at again as you have clearer views now about the ~~[illegible]~~ [illegible] species than you had two years ago.

Very truly yours
John Macoun

Prof. L. H. Bailey
Ithaca
New York.

2

[illegible]

Very truly yours
John Macoun

Prof. L. H. Bailey
Ithaca
New-York

March 24th 90

My dear Sir,

Your note of the 21st inst. came this morning. I am very glad to hear that Mr. Bailey is interested in general botany and I will at once communicate with him. We have many duplicates of our western species and wish to have them placed in good hands.

I am quite sure you are right in making the Ruppia a new species. I would be glad if you would describe it and send me the description for Part V which is now going through the press. I would be very thankful for the names of the plants sent you some time since as I wish to insert them in their proper place in the addendum.

Very truly yours
John Macoun

Dr. Sereno Watson
Cambridge
Mass.

March 24th 90

My dear Sir,

Yours note of the 21st inst. came this morning. I am very glad to hear that Mr. Ludlow is interested in general history and I will at once communicate with him. He has many duplicates of our native species and wish to have them placed in good hands.

I am quite sure you are right in asking to [illegible] a new species. I would be glad if you would describe it and send me the descriptions [illegible] the Post & which is now going through the press. I would be very thankful for the names of the plants and if you have time as I wish to insert them in their proper places in the collections.

Very truly yours
John Murray

Sereno Watson
Cambridge
Mass.

No 607

March 28th 90

My dear Madam

Your note of 24th inst. has been received. Thanks for the specimens. I send my Heterocladium aberrans to compare with yours. I also send for your opinion O. cupulatum and O. anfractum. Is the latter the same as my No. 121, Canadian Musci.?

I start on April 20th for the Western District of British Columbia where I hope to make many discoveries next summer. If you look on a map you will see just where I am going. My whole summer will be within the Great Bend of the Columbia. I will explore mountains, valleys, canyons, plains and plateaus. The temperature and rainfall pass through all extremes and states so you see I will get a harvest. Mr. Waghorne is a very nice gentleman but I prefer short letters from him as his make my head ache. I will drop you a line and a specimen occasionally when I am in B.C.

Mrs. E. G. Britton
New York.

Very truly yours
J. Macoun

11607

March 23rd 90

My dear Madam

Your note of 21st inst. has been received.
Thanks for the specimens. I send my Substitution
theorems to compare with yours. I also send
for your opinion O. Explanations and O. [illegible]
Is the latter the same as my No. 12, Cambridge
Messeng.?

I start on April 20th for the Northern
District of British Columbia where I hope to make
many discoveries and conquests. If you wish me
to [illegible] you [illegible] just where I am going. If
[illegible] become part of the [illegible] the [illegible]
of the [illegible]. I am [illegible] concerning [illegible]
Canyons, Plains and Glaciers. The [illegible] and
[illegible] from [illegible] are [illegible] and [illegible]
or you see I [illegible] a [illegible] Mr. [illegible]
is a [illegible] but I hope [illegible]
your [illegible] as [illegible] my [illegible]. I [illegible]
you a line and a [illegible] [illegible] when I am
in B.C.

Very truly yours
[illegible]

Mrs. E. E. [illegible]
[illegible]

Ko60V

March 28th 90

My dear Sir

I am very much obliged to you for your promptness about the birds and mammals and return my hearty thanks for the assistance received. I leave here for the Columbia on April 20th and go direct to Revelstoke where the Canadian Pacific crosses the Columbia the second time. My man will be stationed there on the 8th April so that he may intercept all birds that are moving north. By having him there I hope to get almost everything as it arrives.

I would be much gratified if I could get the names of the Reptiles before I leave as I wish to know those that are rare and common and those of little interest. I have every preparation made to enter on the collecting of fish next season and intend to keep on until we have a good knowledge of the inhabitants of our inland

No 608

March 29th 90

My dear Sir

I am very much obliged to you for
your promptness about the Chili and Peruvian
and return my hearty thanks for the assistance
received. I have bid for the Collection on April
20th and you think it Bartlett's when the books
Pacific Coast the Collection the [illegible] there.
My name will be attached there as the [illegible]
so that he may be kept as that they be
remaining months. By having them there I hope
to get almost everything as it arrives.
I would be much gratified if I could get
the names of the Reptiles before I leave as I wish
to have them that we can and name them that
a little evident. I have many of fish mostly names
to enter on the collecting of fish have spent
and intend to keep on until the use and
knowledge of the inhabitants of our inland

2

waters. Regarding the fish I want the right size of mesh and the character of net for small or brooks as well as large streams. You would confer a great favor as well as a service if you could get one of your assistants to purchase for me what is necessary and send the account to me in duplicate and I will remit the money at once.

Mr. E. Thompson spent three days in the city a short time since and I saw much of him. I like him very much. He has given me new ideas regarding small Mammals which I will put in practice next year summer.

I would like to hear from you soon on some of the above matters as I leave for the west so soon.

Very truly yours
John Macoun

Dr. C. Hart Merriam
Dept. of Agriculture
Washington D.C.

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nature. Regarding the fish I want the right size of [illegible] and the character of [illegible] you [illegible] [illegible] as large [illegible]. You would [illegible] a [illegible] [illegible] [illegible] a [illegible] if you could get one of your assistants to [illegible] to me [illegible] in [illegible] and send the [illegible] to me [illegible] and I will remit the money at once.

Mr. L. [illegible] [illegible] [illegible] was in the city a short time since and I [illegible] of him. I like his [illegible] much. [illegible] [illegible] [illegible] [illegible] regarding [illegible] [illegible] which I [illegible] [illegible] [illegible] [illegible] [illegible] I would like [illegible] [illegible] as [illegible] of the [illegible] [illegible] as I have the [illegible] [illegible].

Very truly yours
John [illegible]

[illegible] [illegible]
Sept. 14 [illegible]
Washington Ohio

Ottawa March 28th 90

Sir.

I learn from Mr. Burke that there is in the basement a box of bird skins many or most of which have been destroyed by insects. You will oblige me very much if you will go over them this morning, destroy the ones that are worthless, and renovate the others. You will kindly preserve all the labels of those destroyed and bring or send them to me. The skins are in such a state that they must be attended to at once.

Yours truly

John Macoun

Naturalist.

Mr Samuel Herring

Taxidermist

No. 609

Ottawa March 2nd 90

Dear Sir

A packet of plants has been sent you to-day in which the difficulties are the Carex from North Thompson River and Eriogonum [illegible]. The [illegible] is [illegible] is it not? Should you notice any specimens you think imperfectly named will you kindly note them. My father will be pleased if you will examine the Carex as soon as convenient and write him what you think of it. He is quite certain that it was introduced but I found it growing in open pine woods far from any settlement and think myself that it must be indigenous.

Yours truly
Jas. M. Macoun

Dr. N. L. Britton
Columbia College
New York.

No. [illegible]

Ottawa March 27th 90

Dear Sir

[illegible]

[illegible]

No 160

Ottawa March 28th 90

Dear Sir

To-day another parcel of plants was mailed you but will probably not leave Halifax until next week. It contains many things that may be of little value but they are sent to fill gaps. As I have told you already it is our intention to give your museum as complete a set of Canadian plants as possible, this and next packet will complete the Polypetalae. Trusting the packet will reach you in safety I am

Yours sincerely

Jno. M. Macoun

Mr. Wm. Carruthers F.R.S.
British Museum
London

March 31st 90

My dear Prof. Scribner.

I am in receipt of both your last letters and today have gone over all the grasses submitted to you. I can see that much has got to be done in the Gramineae both north and South of the 49th parallel. I am sorry to say that there is no hope for any advance being made by our Govern-ment in the line of Natural History. My son and myself constitute the Natural History staff at present, leaving out our salaries I will expend say $1500 next summer. I wish we had you here but I am afraid there never will be an opening in any line where we could have you. A thought has just struck me Mr. Fletcher is Botanist and Entomologist to our Experimental Farms. He told me the other day he was going to throw up the botany. Should he do so there is no one to take his place. Write to him and say you heard from me what he thought of doing but mention this to no-

Vol 11

March 3rd 90

My dear Prof. Davidson.

I am in receipt of both your last letter and today have gone over all the papers submitted to you. I can see that much has yet to be done in the Commission both north and south of the 49th parallel. I am sorry to say that there is no hope for any advance being made by our Government in the line of Natural History. My son and myself constitute the Natural History staff at present, leaving out our salaries I would not expend say $1500 next summer. I wish we had you here but I am afraid there never will be an opening in any line where we could have you. A thought has just struck me. Mr. Fletcher is Botanist and Entomologist to our Experimental Farms. He told me the other day he was going to throw up the Botany. Would it do for there is no one to take his place. Write to him and say you would have no objection to the thought of doing but remember this to no-

2

one but himself; as he may not wish others to know about it.

Tomorrow we will forward to you all our Mounted specimens of Calamagrostis, Poa & Festuca and you can keep them until September if you wish as we will be gone until then.

Expect me to collect largely the coming summer as we will have many variations of climate during our explorations.

Please accept my thanks for the work already done and allow me to express the hope that next winter you can give me a complete report on our critical grasses for my own report of next years work. Did you over-look No 10E

I remain very gratefully yours

John Macoun

Prof. Lamson Scribner
Knoxville
Tenn.

me but himself, as he may not wish others
to know about it.

Tomorrow we will forward to you all
our Triassic specimens of Coleoptera, Box 2 Station
and you can keep them until September if you
wish as we will be gone until then.

Expect me to collect largely the coming
summer as we will have many varieties of climate
during our explorations.

Please accept my thanks for the work
already done and allow me to express the hope
that next winter you can give me a complete report
on our Coleoptera fauna for my own report of
next year's work. Did you overlook No 106?

I remain very gratefully yours
Paul Mason

Prof. [illegible]
Knoxville
Tenn.

April 1st 90

My dear Sir

Both your letters are here and the boxes of specimens as well. We have opened them and found them to contain a large number of very fine skins. Dr. [illegible] as well as myself is delighted with them. I have carefully noted your letter of 28th inst. and will put in practice many of your suggestions. Keep the report on the Mackenzie River Basin but send me your paper on the mammals of Manitoba.

The reports from 76–77 to 87–88 were laid out for your [illegible] and will be [illegible] by tomorrow. I will see that [illegible] are included.

[illegible]

April 1st 90

Dear Sir

Both your letter are here and the loose specimens as well. We have opened them and find them to contain a large number of very fine things. The Eocenes as well as anything in [illegible] delighted with them. I have carefully noted your letter of 29th inst. and will profit in future by your suggestions. Prof. [illegible] expect as the Mackenzie River Basin but would not go [illegible] as the mouth of Mackenzie.

[illegible]

P. S. My second daughter's name is [illegible] ... it is a couple of [illegible] ... J. M.

I am very glad I have reached it the type
Erythronium grandiflorum Pursh. It is a lovely
thing and well worthy of cultivation.

I start for the field on the 20th
of this month. My field of operations is between
the two arms of the Columbia or what we call
the Kootanie District. It is a very interesting
region being the home of many rare forms. Snow
clad mountain tops, deep valleys, forest regions
dry grassy slopes, sparsely timbered and prairie
flats make up a very mixed flora.

This year I collect all kinds of Natural
History specimens but must get many good
things in Botany as we have never collected
there. Should you desire me to look for any-
thing your specially desire let me know.

Very sincerely yours
John Macoun

Dr. S. Watson
Cambridge
Mass.

I am very glad I have received the type [illegible] grandiflorum Pursh. It is a lovely thing and one worthy of cultivation.

I start for the field on the 20th of this month. My field of operations is between the two arms of the Columbia or what we call the Kootenai District. It is a very interesting region being the home of many new species. [illegible] mountain type, dry [illegible], great region [illegible] grassy slopes, especially bunchgrass and prairie [illegible] made up a very [illegible] flora.

This year I collected [illegible] kind of [illegible] [illegible] specimens but must yet many good things in Botany as we have never collected there. Should you desire me to look for anything you especially desire let me know.

Yours very truly
[illegible]

Dr. S. Watson
Cambridge
Mass.

by 619

April 2nd 90

Dear Dr. Underwood

Today I send seven specimens of Insetes I would like your opinion on. They are cut from mounted sheets and I would like your determination before have the pages on Insetes struck off. Please let me hear from you as soon as possible.

In a day or two I will send you the first pages of the paper on Hepaticae. Are you intending to print any of your notes now or will you wait to next year and I will get another series of specimens this year and so enable you to complete the whole for Part VI of my Catalogue which will be published next year and will include the Characeae, Musci and Hepaticae. I have received the mounted specimens of Lunularia sent you sometime ago. I have still a few to send you. I leave for the west in three weeks.

Very truly yours
John Macoun

Prof. L. Underwood
Syracuse University
Syracuse

April 2nd 90

Dear Dr. [illegible]

Today I send some specimens of Insects I would like you to name for me. They are out from [illegible] plants and I would like your determination before I have the figures of the Insects [illegible]. Please let me have yours as soon as possible.

In a day or two I will send you the first pages of the paper on [illegible]. Are you intending to print any of your notes now or will you wait till next year and I will get another series of specimens this year and be ready then to complete the whole for Part II of my Catalogue which will be published next year and will include the [illegible]. [illegible] and will include the [illegible] spec- and [illegible]. I have received the [illegible]. I have [illegible] of [illegible] that you [illegible] for the [illegible] with a [illegible]. I have [illegible] results.

Very truly yours
[illegible]

Prof. [illegible]
[illegible] University
[illegible]

No 615

April 3rd 90

My dear Sir

After another delay I have been able to go over your specimens and notes. The names are as below.

1 Salix vestita
2 Petasites palmata
3 Geum macrophyllum
4 Cerastium arvense
5 Cnicus muticus
6 Vicia Cracca
8+7 Aster puniceus var. vimineus +10 + 8
9 " umbellatus +11
12 Eupatorium purpureum
13 Solidago Canadensis
14 Carex crinita
15 Scirpus sylvaticus var. digynus
16 Hieracium Scabrum
17 Impatiens fulva
18 Campanula rotundifolia
19 Pyrasia Langsdorffii
20 Erigeron strigosum
21 Trillium cernuum

Note. I find that Ranunculus 6 Norvegicus in Herbarium [illegible]
3 Ranunculus [illegible] 4 [illegible] Thid 15 [illegible] [illegible] tenuifolia [illegible]
[illegible]

Nat/15

April 24 90

My dear Sir

After another delay I have been able to go over your specimens and notes. The names are as follows.

Salix cordata
Potentilla palustris
Juncus [illegible]
[illegible]
[illegible]
[illegible]
Aster [illegible] var. [illegible] +10 + 8
" umbellatus + 11
[illegible]
Solidago canadensis
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Epilobium angustifolium
[illegible]
[illegible]

Note. [illegible]

22 Solidago humilis } I return the [illegible] in the frond.
23 Pyrola chlorantha. }

J. M.

I am very sorry you do not write more distinctly as to me it is nearly impossible to read your writing. I gather however from your letter that you will get me Botrychium rutaceum next season. I hope so but candidly confess I do not think it has any existence. Send the fruit. Flowers will prove nothing. By all means collect as many as you can in botanical explorations during the coming year. As soon as your list is published I will incorporate all additional information in my list. In three weeks I will leave for the west and hope on my return to learn that you have been encouraged. Mrs Britton writes me she has received a letter from you. Send her all your mosses.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland.

[illegible] I returned the [illegible] as [illegible] yours
indeed them by mistake
J. M.

2

Messrs. Harvey [illegible] } I advise the Blue Magdalena
Bowring Brothers } in the [illegible].

I am sorry you do not write more distinctly as it is enough difficult to read your writing. I gather however from your letter that you had got one [illegible] [illegible] [illegible]. I hope so but [illegible] [illegible] I do not think it has any [illegible]. [illegible] the first [illegible] [illegible]. By all means [illegible] as many as you can in Labrador exploration during the coming year. As soon as your list is finished I will incorporate all additional information in my list. In these words I ask you for the [illegible] and hope no [illegible] [illegible] [illegible] you have been [illegible]. [illegible] write me she has received a letter from you. And [illegible] all your comments.

Very truly yours
[illegible]

[illegible]
New Harbor
Newfoundland.

List of Birds collected on the Yukon River in 1880 by   and brought to Museum by Dr. R. Bell

Bucephala albeola
—— americana
Phalaropus wilsonianus
Otus wilsonianus
Brachyotus Cassinii
Mergus serrator
Falco sparverius
Fulix affinis
Falco anatum
Pelionetta perspicillata
Archibuteo Sancti-johannis
Aythya americana
Bernicla brenta
Dafila acuta
Parus Carolinensis

616

April 2nd 90

Dear Dr. Britton.

Your note is just received. I will send the Arenarias and Heucheras tomorrow. Keep them until I return in the autumn. Write on the sheets your notes.

I am not in the dark about what has been done by local botanists in the Northern States but the authors of the New Manual seem to be.

On the 20th I leave for British Columbia where I will collect until September. My collections will consist of plants, birds, mammals, fish, reptiles, shells and insects. Are these enough? Let me know the special genera you desire me to collect. My district this year is between the two arms of the Columbia in Canada.

Very truly yours
John Macoun

Dr. N. L. Britton
Columbia College
New York.

April 2nd 90

Dear Mr. Britton,

Your note is just received. I will send the Carices and Eleocharis tomorrow. Kindly number. & return via the Carices. Write on the sheets your notes.

I am not in the dark about what has been done by [illegible] in the Northern States but all Carices of the new Manual seem to be

On the 20th I leave for British Columbia where I will collect until September. My collections will consist of plants, birds, mammals, fish, reptiles shells and insects. Are these enough? Let me know the special genera you desire me to collect. My district this year is between the two arms of the Columbia in Canada. Very truly yours

John Macoun

N. L. Britton
Columbia College
New York

No 617

Ottawa April 5th 28

Dear Sir

By to-days mail I send you a few sheets of fresh water algae all that we have. When you have examined them we should be glad of a specimen of each correctly named. We will collect for you in B.C. this summer. I hope Mr. Tyrrell did not forget to tell you that when he returns from the field next fall we will forward from our duplicates a collection of Canadian plants for the University.

Yours Truly

Jas. M. Macoun

Asst. Naturalist.

Rev. Mackenzie

Toronto

Ont.

No 618

[illegible] April 3rd 23

Edward F. Reed Esq.
Boston. Mass.

Dear Sir

I am in receipt of your letter to the Lt. Govt. and have instructed the Librarian to send you a set of my father's Catalogue as far as published: Parts I–10. Part X is now going through the press. Other botanical publications will be sent you by the Librarian as they appear and in return he would be pleased to receive any of your publications that you may be pleased to send him. Should any of your friends desire the Catalogue it may be had at the nominal price of 25 ct per Part. When first issued they were distributed free and I am surprised that your name was not on the original list. I send you also a copy of a check list of Cameroons plants got up in a hurry by [illegible] for use in the field last Spring. I am enclosing

...any [illegible] and there are many omissions but
...without printing an addendum next [illegible] edition
...which will also be sent you. Any information that
...either Prof. Macoun or myself can give you about
...the plants is at your service.

Yours truly
Jas. M. Macoun

No 619

April 5th 90

My dear Sir

Your note of March 27th has reached me and I am delighted with the enclosed list. It was a good move to apply to Nylander as he is a great authority on Lichens. Many of the species on the list were collected by myself but some of them are not. I wish you would keep me a named set of all those you got. I will repay in kind. If you had sent the three lichens for my opinion I would have said the Lecidea was enteroleuca and the Parmelias both the same and enteromorpha. You will notice that many of Nylander's names are different from Tuckerman's. Any one writing on these forms would have to see to the synonymy. I am glad. claims the Lecidea to be new and that your name will be given to it. You may expect many new species in any section of botany as I found over 30 new ones in 187.

Very truly yours
John Macoun

Dr. C. F. Newcombe
Victoria V. I.

P. S. Address me at Revelstoke after two weeks. J. M

No 619

April 5th 90

My dear Sir

Your note of March 29th has reached me and I am delighted with the enclosed list. It was a good move to apply to Nylander as he is a great authority on Lichens. Many of the species on the list are unknown to myself but none of them are new. I wish you would send me a named set of all those you get. I will repay in kind. If you had sent the Lichens for my opinion I would have said the Lecidea was cinnabarina and the Parmeliaceae both the same and [illegible]. You will notice that many of Nylander's names are different from Tuckerman's. Many are existing in the forms would have to go to the synonymy. I am glad [illegible] Macounii is to be new and that your name will be given to it. You may expect many new species in my district of Ottawa as I found over 28 new ones in 1887.

Very truly Yours
John Macoun

Dr. C. F. Newcombe
Victoria B.C.

No 620

April 6th 90

My dear Prof. Greene,

Your letter of March 22nd came in due time and this morning your note of March 30th. As an answer to the latter I send specimens of Q. Garryana from Victoria, Cedar Hill and Departure Bay. The specimen from Victoria is off the tree in Sir James Douglas' garden on which Brown founded Q. Jacobii. The specimens were procured in 1887 at the instance of Prof. Sargent who thinks with me that there is no difference between it and Q. Garryana. I spent, as you are aware, the summer of 1887 on Vancouver Island but extended the range no further than what was published. I never saw the Fraser river oak but have learned that it was more like a shrub than a tree. The coming summer I will try and find it if possible.

I have all the parts of Pittonia except No II–III and prize it more than any other botanical publication I receive. I am glad you are going to attend to all the west coast flora and will help you with specimens when I can do so

No 120

April 6th 90

My dear Prof [illegible]

Your letter of March 22nd came in due time and this morning your note of March 30th. As an answer to the latter send specimens of D. [illegible] from [illegible] and [illegible] Bay. The specimens from [illegible] is of the two in the [illegible] garden in which [illegible] found D. [illegible]. The specimens were found in 1887 [illegible] of the existence of Prof. [illegible] [illegible] there is no difference between it and [illegible] [illegible] [illegible] [illegible] 1889 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

2

I took a note of your remarks in Part 1 regarding my Vaccinium [illegible] and agree with it as you will see in Part 4 of my Catalogue which is now in press.

In two weeks I will start for British Columbia again where I will collect all summer. My address will be Revelstoke, B.C. so anything you desire from British Columbia will be attended to if you communicate with me. My son is sending the Dodecatheons with the Oaks.

Regarding west coast plants I would rather have the dictums of California than of New England.

Very sincerely yours
John Macoun

Rev. E. L. Greene
Berkeley
California

2

I trust a copy of your remarks in April regarding my Vancouver [illegible] and upon which as you note are in Part V of my Catalogue which is now in press.

I am very sorry I did not visit you while [illegible] Columbia again when I was collecting there. My address will be [illegible], B.C. [illegible] [illegible] you desire [illegible] British Columbia and be [illegible] to [illegible] your correspondence with me. [illegible] is [illegible] the [illegible] with the [illegible].

Regarding not [illegible] plants I would rather [illegible] the history of California than of New England.

Very sincerely yours
John Macoun

E. L. Greene
Berkeley
California

April 5th 90

My dear Sir.

Your letter of the 2nd inst. has just been received. Please convey my best thanks to Dr. Bean for his trouble regarding the fish enquiries. I am determined to keep the rest of the distribution of our fish and as you know me personally you can tell him I will succeed. Next autumn I will be able to send him at any rate the fish of the Upper Columbia and Kootenay.

There is no hurry regarding the names of the snakes. I will get another series of them this summer and the same with the frogs and toads. I will make a good series of these for Mr. Palmer, and also for Dr. Stejneger.

My man commences work at Revelstoke in the Columbia Valley in two days and as he knows what I want he will be on the look out for mice and shrews before I get there.

Very truly yours
John Macoun

Dr. Hart Merriam
Washington
DC

April 5th 90

My dear Sir.

Your letter of the 2nd inst. has just been received. Please convey my best thanks to Dr. Bean for his trouble regarding the fish inquiries. I am determined to [illegible] the [illegible] of now its distribution of our fish and as you know me personally you can tell him I will succeed. Next autumn I will be able to send him at any rate the fish of the Upper Columbia and Kootenai There is no hurry regarding the names of the species. I will get [illegible] of them the [illegible] and the same with the eggs and [illegible] [illegible] for Mr. Trask. I will make a good [illegible] for Dr. [illegible] at [illegible] Cabinet, and also [illegible] my [illegible] [illegible] in the [illegible] in two days and as he is at the [illegible] he will be [illegible] out [illegible] what I want before I get there.

Yours very truly

[illegible]

Dr. [illegible] [illegible]

Washington DC

No 4.22

April 5th 90

My dear Sir

Your note and the parcel of lichens came yesterday. Below you will find my notes on them. Please collect mosses, liverworts, lichens next summer. I am going to publish the mosses and want as many of your species as possible. I cannot accept Dr. Sommers names without the specimens.

Lesquereux & James Mosses of North America is our only work on Mosses. You will see the Liverworts in the new edition of Gray's Manual. Tuckerman's work on Lichens will give you all the information you require. The Naturalists Agency in Boston will give you the prices.

Very truly yours

John Macoun

Mr. E. J. Lay
Amherst
N. S.

No 4.22

April 9th 90

My dear Sir

Your note and the parcel of lichens came yesterday. Unless you wish for my notes on them. These are not [illegible], [illegible], Lichens and [illegible]. I am going to publish the names and want as many of your species as possible. I cannot accept the names without the specimens.

Lagerheim's [illegible] of [illegible] is an easy one to name. You ask me the [illegible] in the new edition of Gray's Manual. Underwood wrote me Lichens asking for the information you require. The [illegible] Agency in Boston will give you the facts.

Very truly yours
John Macoun

E. J. Lay
Amherst
N. S.

2

List of Lichens. Mt. Lay.

1 Cladonia cariosa a cristatella Tuck.

2 " squamosa a fimbriata

3 Umbilicaria Muhlenbergii ? Schaer ar

4 Sticta pulmonaria

5 Peltigera rufescens. A common in dry banks.

6 No specimen

7 Stereocaulon tomentosum

8 Cladonia furcata

9 " pyxidata = 14

10 Sticta glomulifera

11 Cladonia gracilis v. cornuta elongata

12 Stereocaulon tomentosum

13 Sphaerophorus coralloides

15 Cladonia rangiferina

16 Sticta crocata

17 Ramalina calicaris v. canaliculata

18 Physcia stellaris v. hispida

19 Cladonia too young.

20 Pertusaria multipunctata. probably

21 Too poor

22 Leptogium lacerum

23 Cladonia bacillaris. Much rotten

2

List of Lichens. Mr. Gay

Cladonia [illegible] cristatella Tuck.

" [illegible]

Umbilicaria Muhlenbergii [illegible]

Usnea [illegible]

Peltigera rufescens. (Common in damp woods.)

var. [illegible]

Parmelia conspersa

Cladonia furcata

[illegible] = 14

Usnea [illegible]

Cladonia [illegible] elongata

Parmelia conspersa

Sphaerophorus coralloides

Cladonia rangiferina

Usnea barbata

[illegible]

Nov 23

Ottawa April 8th 90

Dear Sir

I have sent you to-day by mail a packet of plants all ~~that~~ I shall have time to get out for you this spring as we leave for the field in about two weeks and in the meantime have much to do. Next winter however I shall be glad to supplement this with others.

Yours Truly

Jas. M. Macoun

Curator of Herbarium

Mr. J. A. Morton

Wingham

Ont.

Ottawa April 8th 90

Dear Sir

I have sent up to-day by mail
packet of plants as that I shall have
to get out for you this spring as we
for the field in about two weeks and
the [illegible] have much to do, but
however I shall try to [illegible]
quite with these.

Yours Truly
J. M. Macoun
[illegible] of Herbarium

J. D. Warton
[illegible]
Ont.

Ottawa April 8th 88

Dear Sir

A packet containing something over a hundred sheets of specimens has just been forwarded you. These will be the last that I shall send you this spring as we leave for our Summer work in about two weeks.

Prof. Macoun wishes me say to you that whether he returns from the west in time for the meeting of the A.A.A.S. next autumn he will have his paper ready in time.

I trust that among the specimens of ours value which I send you will find a few of interest.

Yours Sincerely
Jas. M. Macoun
Curator of Herbarium

Prof. Chas. E. Bessey
University of Nebraska
Lincoln. Neb.

Ottawa April 8th 90

Dear Sir

Prof. Macoun desires me to apologize for the delay in answering your letter of the 21st ult. but the fault lies with our carpenter whom he instructed to examine such species of wood as he had in his possession. He reports that there are none of these for which you ask. I leave for the Kootenai country in about two weeks and if there are any [illegible] specimens of wood that you would like kindly send me a list of them and I shall be glad to procure as many of them as possible for you during the coming summer.

Yours Truly

Jas. M. Macoun.

Prof. Penhallow
McGill College
Montreal.

Clinton April 8th '0

Dear Sir

[illegible]

Geo. W. [illegible]

M. Richardson
McGill College
Montreal.

246 + 226

[illegible] 200 + 204 + 218 chiefly + 228 + 230 + 234 + 250 + 240

[illegible]

[illegible] 207 + 209 + 241

" [illegible]

" [illegible]

[illegible]

213 Pertusaria pertusa ?

217 Hypnum giganteum

219 " stramineum

220 Pogonatum urnigerum

221 Cetraria [illegible]

223 = 210 probably.

225 Too poor.

227 Brachythecium rutabulum + 245

229 Too poor.

231 Webera nuda

233 Hypnum Mossii 249

237 Cylindrothecium [illegible] & Sclerpodium californicum ?

236 I believe this is the Mossii

238 Leskea polycarpa mixed with Cichelyma capillaceum

239 Hypnum stygium ? Too poor. + 242

235 " campestre.

240 Orthotrichum — ? No fruit.

244 Too poor

247 Webera fontana, Lindb. (R.M.)

248 Frullania Eboracensis

Liverworts

72 Phlagiochila asplenioides

60 Pellia epiphylla

56 + 60 + 9 Marsupella emarginata

23 Lophocolea minor

24 Geocalyx graveolens
Scapania nemorosa I have mislaid the number
214 Hormiscopsis clavata, Pers (a fungus)
215 Parmelia saxatilis
216 Cetraria juniperina Var. pinastri
Fungus in last parcel Polyporus versicolor,

Please let me know if there are any other numbers unreported as I leave for the field in two weeks. I am glad you have another new species. Try your best the coming summer for Lichens and Mosses. Next winter Part VI containing them will be published. Part V is now in press.

Wishing you a good summer for collecting I remain very sincerely yours
John Macoun

Ottawa April 6/90

Mr John Moser
Canaan Point
N. B.

[illegible]
[illegible] [illegible]
[illegible] clavatus, [illegible] (2 females) I have retained the number
[illegible] [illegible]
[illegible] [illegible] var. [illegible]
[illegible] [illegible] [illegible] [illegible],

Please let me know if there are any of these numbers unsubmitted as I leave for the field in [illegible] weeks. I am glad you have another new species. [illegible] your [illegible] the coming summer [illegible] Scudder's Orthoptera, but write Part VI containing them [illegible] published. Part V is now in press.

Wishing you a good summer for collecting, I remain very sincerely yours
[illegible] Macoun

Ottawa April 6/[illegible]

Mr. [illegible] [illegible]
[illegible] [illegible]
[illegible]

No. 627

April 9th 90

Dear Mr. Beeby

Your note of 12th March has been received and I have made the change suggested. I have so many irons in the fire now that I am afraid I cannot do much in setting this matter right but this I can say that S. Nuttallii in my opinion is between S. simplex and S. androcladum and as you say nearer to the latter. I would like to consider it distinct from both but scarcely know enough about the species of the genus to speak with decision. Next autumn I will try and get a good series in this province. I leave in two days for the west.

Very sincerely yours
John Macoun

W. H. Beeby Esq.
14 Ridinghouse St
Langham Place W.
London

No. 127

April 9th 90

Dear Mr. Darby

Your note of 12th March has been received and I have made the change suggested. I have [illegible] money since in the fire now that I am against I cannot do much in settling this matter right but this I can say that L. [illegible] in my opinion is between L. [illegible] and the [illegible] and as you say nearer to the latter. I would like to consider it distinct from both never having seen enough about the species of the genus to speak with decision. But [illegible] I will try and get a good series for the [illegible] in the season. I have no time to-day for more.

Very sincerely yours
[illegible]

H. H. Darby Esq.
14 [illegible] Place W.
[illegible] London

No 628

April 9th 98

My dear Sir

Your letter of March 23rd was received in in due time but I have been so busy I could not reply to it sooner. I confess I am forced to agree with you regarding the identity of my J. Nevadensis with J. acuminatus var. legitimus and have changed my specimens accordingly. I send a few specimens I would like to have your opinions about. Expect a complete series of all the Junci I may collect in the Kootenai District the coming summer.

Very sincerely yours

John Macoun

Fred. V. Coville Esq
Washington
D.C.

No 628

April 9th 90

My dear Sir

Your letter of March 23rd was received in due time but I have been so busy I could not reach it sooner. I confess I am forced to agree with you regarding the identity of my F. Thomasiana with F. acuminata var. Lyleana and have changed my specimens accordingly. I send a few specimens I would like to have your opinion about. Expect a complete set in of all the species I may collect in the Northern District this coming summer.

Very sincerely yours
John Macoun

Fred. N. Smith Esq
Washington
D.C.

No 629

April 9th 90

My dear Sir

Your note of the 4th inst. has reached me. In answer I may say that in the description of the Genus Acer is this expression "petals none or as many as the lobes of the calyx." Now if in A. rubrum one floral envelope is wanting it must be the corolla as it is an axiom in botany that if one floral envelope is wanting it is always the corolla.

If you look at the description of Acer dasycarpum you will see that in it there is a statement petals none. May you not have A. dasycarpum? Be sure and get the print

Very truly yours
John Macoun

J. F. McQueen
Principal P.S.
Amherstburgh
Ont.

No 629

April 9th 90

My dear Sir

Your note of the 4th inst. has reached me. In answer I may say that in the classification of the Roman law is the expression "potestas manus" [illegible] as the title of the [illegible]. Now if in a [illegible] we [illegible] anything it must be the [illegible] as it is [illegible] in holding that if any [illegible] is anything it is always the [illegible].

If you look at the classification of law — [illegible] you will see that it is there a statement of potestas manus. May you not have a [illegible] of [illegible]

Very truly yours
[illegible]

J. M. Jones [illegible]
Principal [illegible]
[illegible]

April 9th 90

My dear Sir

Your letter with list of plants has been here some time I have forgotten whether I acknowledged it or not but if I have it will be better to repeat some of my remarks. I would be glad to get a specimen of Chimaphila maculata as we have no Canadian specimens. [illegible] is another species I am doubtful about. I will publish both these in the addendum on your authority. I have no doubt but you found the R. balsamifera in your neighborhood. Look out for Acer dasycarpum this spring. The flower differs from A. rubrum in having no corolla. I leave for the west in ten days.

Very truly yours

John Macoun

R. Elliott Esq.
Plover Mills
Ont.

April 9th 90

My dear Sir

Your letter with list of plants has
been here some time & I have forgotten whether
I acknowledged it or not. Lately I have it
[illegible] the letter to refund some of my accounts
I would be glad to get a specimen of Delphinium
Menziesii as we have no Canadian specimens.
[illegible] Delphinium is another species I am
[illegible] about. I will probably look there in the
herbarium on your authority. I have no doubt
but you found the D. [illegible] in your neigh-
borhood. [illegible] [illegible] the [illegible] [illegible] in [illegible]
spring. The flowers differ from the [illegible] in the [illegible].
[illegible] [illegible]. I [illegible] for the [illegible] in [illegible]

Very truly yours
John Macoun

[illegible] Elliott Esq.
[illegible] [illegible]
Ont.

April 9th 90

My dear Sir

Your card reached me the other day.
In answer "Coulter's Flora" can be purchased from
any American Bookseller but A. E. Foote M.D.
1223 Belmont Avenue, Philadelphia is the nearest
as he is a dealer in all kinds of books.

My health is now first rate but I was
poorly last year. In the autumn of 1887 I sent
to you through Mr James Fletcher a lot of the
bulbs of Brodiaea Congesta and Erythronium
albiflorum. How did they succeed? I am
going out in a few days and may be able to
get something for you. I will spend the whole
summer in the mountains. Give me a list
and I will see what I can do. Address me at
Revelstoke, B.C.

Very truly yours
John Macoun

Thomas S. Ware, Esq.
Hale Farm Nurseries Tottenham London

April 9th 90

Dear Sir

Yours card received one the other day.

[illegible] "[illegible] Plan" [illegible]

[illegible] A. C. Porter M.C.

[illegible] Philadelphia [illegible]

He is a [illegible]

[illegible] 1889 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Very truly yours

[illegible]

Ottawa April 9th 90

Dear Sir

I have had time this week to go over our duplicates only to the end of the compositae and among these I have found a few of your desiderata which I have mailed you to-day. Next year I hope to have more time to devote to the distribution of our duplicates when I shall be able to do more for you. Prof. Macoun wishes to be remembered to you. We leave for Brit. Columbia in about two weeks

Yours truly
Jas. M. Macoun
Curator of Herbarium

Mr. Isaac Martindale
Camden
N.J.

No. 183

April 9th 90

Dear Dr. Britton

After a lapse of time I have reached your letter of the 2nd inst. Thanks for the name of my Crepis. I am still unsatisfied about it but have written the name you gave me. We may get more mature specimens next summer.

I will be very glad to assist you with the work you have in hand and can give you details of our local lists. Either send me the names of those you have or let me know in any other way you choose what information you want and my son and myself will get it out for you at once. I leave in ten days if I can get my work finished by that time.

Very truly yours
John Macoun

Dr. N. L. Britton
Columbia College
New York

April 9th 90

Dear Dr. Griffiths

After a lapse of time I have received your letter of the 23rd inst. Thanks for the names of [illegible] I am still unsatisfied about it but have nothing of the names you gave me. We may get some additional information next summer.

I will be very glad to [illegible] you with the results of [illegible] and can give you details of all our land [illegible]. [illegible] and one the names of those you have or let me know in any case [illegible] what information you want and my [illegible] will get it out for you at once. I am in the [illegible] as I can [illegible] my work finished by that time.

Very truly yours

John Macoun

Dr. [illegible] Griffiths
[illegible] College
[illegible]

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and the country adjoining. I hope to add many things to my list.

I had a letter the other day from Kindberg. I send some descriptions of [illegible] lists for the first part of the list. Besides these I send now another hundred names of the catalogue of Can. Mosses. I will complete it before I leave. Could I get 50 or 100 copies of each part struck off separately? When printing the list put in (as editor) notes made on any species & [illegible] what you say about Brachythecium?

I have from Kindberg descriptions of the following species but why he sent them I cannot [illegible] except they may be in the list [illegible] [illegible] has = Barbula [illegible] Kindb. Grimmia [illegible] [illegible] G. elongata, Kindb. Dicranum [illegible], Webera [illegible] Schimperi, Mitt. Oligotrichum [illegible]

Are there Canadian Mosses? Very truly yours

John Macoun

Mrs. E. G. Britton
Columbia College
New York

No. 634

April 9th 90

Dear Mr. Britton

You must excuse me for not writing sooner but if you knew all I have on hand I would not have to ask you as you could judge without prejudice. I will not be able to complete this letter until to-morrow as my specimens of Grimmia are at my house. I sent samples today of slides [illegible]

I am almost in despair about these Ortho-trichums. Why not mount a series of slides of these also. I can supply you with many forms. It must be done in Europe and a comparison made as Venturi and Braithwaite are squabbling over one form now. At first Venturi named it [illegible], O. [illegible], then Watson and afterwards accepted by Venturi [illegible]. If you think of mounting a series of slides I will send you any forms of Grimmias and Orthotrichums I may [illegible] this summer.

It is curious I am going where brother Leiberg is. I will be on the Pend d'Oreille Riv.

April 9th 90

Dear Mrs. Fisher

You must excuse me for not writing sooner but if you knew all I have on hand I would not have to ask you as you would judge without prejudice. I will not be able to complete this little article now or in my opinion [illegible] as at any time. I send sample [illegible] of what we have. I have almost [illegible] about the [illegible] [illegible] [illegible] [illegible] [illegible] with many [illegible] [illegible] and a [illegible]

April 10th 90

My dear Sir

For your encouragement in collecting I report on the mosses as follows.

Porte Cover May 20 & growing with F. hygrometrica June 16th 1889 These are both a new species *Physcomitrium strangulatum* Kindberg.

No 10 Amblystegium fluviatile.
27 Mnium longirostre
20 Pylaisia polyantha
28 Amblystegium tenuifolium Kindberg n. sp.
31 Orthotrichum tenellum Bruch.
44 Pylaisia intricata
45 Brachythecium velutinum
46 Dicranum viride
47 Bryum Warneum ?
48 Pylaisia subdenticulata

These have been examined by Kindberg. Please get more of the new and rare things if possible this summer.

Very truly yours
John Macoun

John Dearness Esq
London. Ont.

April 10th 91

My dear Sir

In your announcement in circulating
I report on the Mosses as follows.

Owen Sound May 20 & following with [illegible]
June 16th 1889 There are both a new species Physcomitrium
[illegible] Kindberg.

No 10 Amblystegium [illegible]
21 Mnium [illegible]
26 Hypnum [illegible]
28 Amblystegium [illegible] Kindberg n. sp.
31 Orthotrichum [illegible]
44 Hypnum [illegible]
45 Brachythecium velutinum
46 Eurhynchium [illegible]
47 [illegible] [illegible]
48 Hypnum [illegible] by Kindberg. These
These have been named by [illegible]
[illegible] of the [illegible] and [illegible] [illegible] yours
[illegible]

Very truly John Macoun

[illegible] Esq
Owen Sound, Ont.

No 632

April 9th 90

My dear Sir

Your letter of early in March came but not the List of Ferns. Two days since your second letter came and next mail the manuscript list and the parcel. I am sorry the list came so late as the whole of the fern part has been struck off some time since. I return it with some notes so that you can make it more complete for yourself or me another time. I have answered the queries and return them. I also had my son put in a few of our ferns which may illustrate your flora and give you an idea how we preserve our specimens and keep them. I am glad to know that you will get all your cryptogams named by Britten & Baker. They are all fine people. Be sure and get two specimens of everything and send them one and keep

No 632

April 9th 90

My dear Sir

Your letter of early in March came but not the list of [illegible]. Two days ago your second letter came and next mail the manuscript list and the parcel. I am sorry the list came so late as the whole of the first part has been [illegible] off and [illegible]. I return it with some notes so that you can make it more complete for yourself [illegible].

I have examined the [illegible] and return them. I also had my own part in a few of our former [illegible] may illustrate your [illegible] and give you an idea how we [illegible]. I am glad [illegible] specimens and [illegible] will get at your [illegible] [illegible] that you will get [illegible]. They are all named by [illegible] [illegible] specimens for [illegible]. [illegible] and get [illegible] [illegible] of [illegible]

2

the other as they never name anything and send it back. I never ask any person to do so.

List of species sent.

1 Glyceria Canadensis
2 Deschampsia caespitosa 10
3 Agrostis alba =11
4 Spergularia marina = Pisum marinum
5 Phalaris Canariensis
6 Pteris aquilina ? Too young
7 Lycopodium annotinum
8 " Selago
12 Carex rariflora ?
13 " tenuiflora
14 Aspidium spinulosum, var. intermedium
15 " " var. dilatatum I am in doubt about this specimen. See the specimens I send.
9 Lycopodium annotinum var. alpestre.

Rev. A. Waghorne
New Harbor
Newfoundland.

Very truly yours
[illegible]

Vol 37

April 10th '90

Dear Mrs. Britton

Your note of the 8th inst. has reached me. In 1885 I obtained Alsia abietina (as named by Austin) on rocks at Gore Ck. The specimen sent Kindberg is given a new one and named by Kindberg Macounii. The description will be sent down early next year. My plant may be A. abietina the one sent by you is not that species as it is not circinate. I would suggest that you examine A. longifolia and failing to identify keep your own name. I have a specimen from Hall which is very like my own.

I send two Grimmias which are still doubtful to me. I agree with Kindberg that the descriptions in Lesq. & James Manual are often very bad.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

April 16th 92

Dear Mrs. Britton

Your note of the 9th inst. has reached me. The 1875 [illegible] [illegible] albicans (as named by Austin) are [illegible] at your [illegible]. The specimens but [illegible] is from a [illegible] and named by Kindberg [illegible]. The description and the [illegible] are early not good. My plant may be L. albicans the one sent by you is not that species as it is not [illegible]. I would suggest that you examine L. [illegible] and failing to identify it your own name. I have a specimen from [illegible] which is very like my own.

I send two [illegible] which are also [illegible] to me. I agree with Kindberg that the [illegible] are [illegible] a [illegible] very bad.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

Ottawa April 11th 90

Dear Sir

I have just reached the end of the compositae in my distribution of our duplicates and while I have distributed several thousand sheets of specimens there have not been many of your desiderata. What there were I send you by mail to-day and hope there will be something of interest to you among them. I have kept your marked list sending you another and next year will be able no doubt to send you many more as I hope to be able to work through all our duplicates. I leave for British Columbia in about two weeks.

Yours truly
Jas. M. Macoun

Mr. J. W. Chickering
Kendall Green
D.C.

No 639

Ottawa April 11th 90

Dear Sir

I have just mailed you two specimens of mice collected by Dr. Dawson in British Columbia last summer. They had been mislaid or they would have been sent with our own specimens. I would be glad if you would report upon them at the same time

Yours Sincerely
John Macoun

C. Hart Merriam
Dept of Agriculture
Washington
DC.

Ottawa April 11th 90

Dear Sir

[illegible]

Yours [illegible]

John Macoun

[illegible]

April 12th 90

My dear Madam

Your note reached me today. In answer I thank you much for the specimens. Go for Waghorne about his writing. It makes my head ache and prevents me from examining carefully what he says. I have asked him to write more legibly and not send scraps but so far my advice has fallen on deaf ears. I am a layman. Is it not remarkable that Tetraphis geniculata and Isothecium myosuroides should be found in Newfoundland. I would suggest Plagiothecium pulchellum for the specimen without the name.

Please send and ask for any specimens you desire in connection with the list I am sending down. I send another hundred on Monday. During the summer my address will be Revelstoke B.C.

My son is writing Dr. Britton.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
N. York.

P.S. Look at Brachythecium ~~[illegible]~~ Roellii as well as P. pulchellum
J. M.

April 12th 90

My dear Madam

Your note reached me today. In answer I thank you much for the specimens. As for [illegible] about his writing. It makes my head ache and prevents me from examining carefully what he says. I have asked him to write more legibly and not send enough but as far may advise him further on [illegible] case. I am a layman. Is it not remarkable that [illegible] and Isothecium myosuroides should be found in Newfoundland. I would suggest Plagiothecium [illegible] for the specimen without the name.

Please ask for any specimens you desire in connection with the list I am ready to show. I send another hundred on Monday. Among the [illegible] my address will be Rockcliffe P.O. My son is visiting Dr. Britton.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
N. York.

April 15th 20

Mademoiselle!

You will no doubt think the
my delay in sending you the specimens due
inexcusable but it has been unavoidable.
spend so brief a time each year in
office that work accumulates to an amazing
degree and it is quite impossible to complete
before it is again time to go to the field.
I have sent you to-day per post a packet
of plants that will reach you in a few days
of this and there will be the last that
I can send you before next autumn as
I start for British Columbia in about two
weeks and will be absent about four
when I return I hope to continue

..e exchange that has added so many fine
specimens to our herbarium. As I wrote you
.. years ago I am quite willing to make
.. by sending you a greater number of
..ecimens, for the superior excellence of this
.. seed case. Do not send packets here
..fore Oct. 1st. Any letter you may write
..ome will be forwarded to me.

Yours sincerely
Jas. M. Macoun

To Rosa Masson
Lausanne
Switzerland

Ottawa April 18th 90

Dear Sir

Your letter of the 12th has been
[re]ceived and in reply I would say that
[wh]en in the field I collect specimens in all
[bra]nches of Natural History — the collection of
[i]nsects (bees — butterflies especially — beetles) are
[one] of the finest in America. I shall be
[ver]y glad next summer to collect a
[illegible] specimens for you and will
[illegible] them to you from the field
[illegible] send them to Ottawa
[illegible] of return

Yours truly
Jas. M. Macoun

Mr. Isaac C. Martindale
Camden National Bank
Camden
New Jersey.

Ko643

April 18th 90

Dear Dr. Watson

Your letter of the 7th inst. came in due time and I have made the changes suggested by your names. The Ranunculus puzzled me but I thought it might be a form of R. aquatilis and asked James to collect more of it next summer.

I collected on Barclay Sound on the west side of Vancouver Island and South of Northern Sound and have never seen any form of Erythronium except E. albiflorum. All the yellow flowered forms are mountain species while the Coast and lowland form is the var. albiflorum. I have just looked in Hooker Fl. II. 182 and believe that Menzies form with light purple flowers was nothing more nor less than var. albiflorum fading to purple as the Trilliums fade to light pink.

Very truly yours
John Macoun

Dr. Sereno Watson
Cambridge
Mass.

Vol 43

April 18th 90

[Dea]r Dr. Watson

Your letter of the 7th inst. came in due
[tim]e and, I have made the changes suggested by your
[illegible]. The [illegible] suggest me that [illegible]
might be a form of R. [illegible] and called [illegible]
[illegible] of it next summer.

I collected in [illegible] on the north
[illegible] of Vancouver Island and north of [illegible]
[illegible] and have never seen any form of Erythronium
[illegible] E. albiflorum. All the yellow flowered
[illegible] are mountain species while the coast one
[illegible] I have
[illegible] in the Vol. albiflorum.
[illegible] looked in Macoun Cat. Pt. II, 182 and believe that
[illegible] form with light purple flowers was nothing
[illegible] more than var. albiflorum having
[illegible] as the [illegible] light purple
[illegible]

Very truly yours
John Macoun

[illegible] Watson
Cambridge
Mass.

No 644

April. 18th 10

My dear Sir

Your note of the 16th inst. reached me this morning and was quite interesting. I really cannot tell you whether such words as you mention are common or not but I can explain to you why it takes place. In the Arum Family the flowers are very inconspicuous. If you look at your flower you will see that the part you refer to surrounds a center part which we call the spadix. The colored part surrounding this is named a spathe. The spadix is covered with small flowers. The spathe (your flower) is only a colored leaf or bract. You can now see how it can revert to a leaf when its work (of only protecting) is done. The same thing happens with the Hydrangeas. The so called showy flowers of these plants are not true flowers but only a colored calyx which generally turns green before drying up.

Very truly yours
John Macoun

N. Gisborne Esq.
102 Lisgar St.
Ottawa

No 644

April 18th 10

My dear Sir

Your note of the 16th inst. reached me this morning and was quite interesting. I really cannot tell you whether [illegible] as your [illegible] are [illegible] or not but I can explain to you what is [illegible]. In the Saturn Rings the [illegible] are very conspicuous. If you look at your figure you will see that the part you refer to represents a dark part which we call the [illegible]. The other part corresponding to is merely a [illegible]. The [illegible] is [illegible] with [illegible]. The [illegible] (your [illegible]) is only a [illegible] [illegible] or [illegible]. You can [illegible] [illegible] [illegible] [illegible] [illegible] (at any [illegible]) is [illegible]. The same thing happens with the [illegible]. The so called [illegible] of these planets are not true [illegible] but only a [illegible] which generally [illegible] [illegible].

Yours truly

[illegible]

[illegible] Esq.

[illegible]

Ottawa

No 645

April 21st 98

My dear Sir

Your note of 17th inst. has reached me. I am glad to find you are still working in the Natural History field. Carex pratensis remains as it was except that Prof Baily makes a new variety out of the Vancouver Island specimens. Carex Douglasii and C. marcida remains as before except that I found the former last year in British Columbia

You will make no blunder by admitting all I have said in my Catalogue as the specimens on which the statements were made were all submitted to Prof. Bailey.

Very truly yours

John Macoun

Mr. Warren Upham
21 Newbury St.
Somerville
Mass.

No 645

April 21st 91

My dear Sir

Your note of 17th inst. has reached me. I am glad to find you are still working in the Natural History field. [illegible] as it [illegible] that Prof. Bailey makes a new variety out of the Vancouver Island specimens. [illegible] and [illegible] as [illegible] that I found the [illegible] last year in British Columbia

You [illegible] no thanks for admitting as I have said in my Catalogue the specimens on which the identifications were made were all submitted to Prof. Bailey.

Very truly yours

[illegible] Macoun

[illegible]
21 [illegible] St.
[illegible]
Mass.

No. 696

April 21st 90

Dear Dr Bean

Your kind note and pamphlet reached me today. We have already ordered the nets or seines and hope to have them shortly. Your letter showed me exactly what we wanted. I will take netting out with me so as to make our own net. I leave in two days for the Columbia and hope to get a lot of material before the autumn. Thanking you very much for your valuable information.

I remain very truly
Yours
John Macoun

Dr. T. H. Bean
Curator
Dept. of Fishes
National Museum
Washington

April 20th 90

Dear Mr. Bean

Your kind note and pamphlet reached me today. We have already ordered the nets [illegible] twice and hope to have them shortly. Your letter showed me exactly what the matter [illegible]. I am [illegible] nothing out with me as to the needs [illegible] [illegible]. I leave in two days for the Caloosahatchie and hope to get a lot of material before the [illegible]. Thanking you very much for your valuable information.

I remain very truly yours

Ralph Munroe

T. H. Bean
Curator
Dept. of Fishes
National Museum
Washington

No. 241

April 21st 90

My dear Sir

Your card has been received and I thank you for the names of the [illegible].

I am sorry I have too little of the Lejeunea to make many 50 specimens. I am going however to the Pacific Coast again (I start in two days) this season and will gather a supply if possible.

By all means publish the new species in the Bulletin and any remarks you may choose to make on other species that I have sent you. Whatever you publish I can copy into Part VI next year.

As I did last year so will I do this year and send you parcels of 25 as fast as I collect them. Any letters you may write will be forwarded from the office. Wishing you a pleasant summer I remain Very truly yours

John Macoun

Prof. L. M. Underwood
Syracuse University
York State.

No. 41

April 21st 90

My dear Sir

Your card has been received and I thank you for the names of the Insects.

I am sorry I have no list of Lepidoptera made recently of species. I am going shortly to the Pacific Coast again (I start in ten days) and return and will gather a supply of Insects.

By all means publish the new species in the Bulletin and any remarks you may choose to make on other species that I have sent you. Whatever you publish I can copy into [illegible] year. As I did not send you [illegible] I collect and send you [illegible] of 25 or [illegible] there. [illegible] you may wish to forward from the Office. Wishing you a pleasant summer

I remain

Very truly yours

[illegible]

[illegible]

[illegible]

April 21st 90

My dear Mr. Pearson

The Proof came in time and has been corrected again so that every correction is in and the proof is clean. When making the index my son went over it again so that anything that may have been overlooked will be put in a list of errata.

I am very sorry to learn of the continued weakness of your eyes. I can feel a little of how it is with you as I was in a poor state of health last spring and could scarcely walk one hundred yards still I had good eyes. I do hope your fears are misplaced and that rest will bring them all right. As soon as the pamphlet is published 50 copies will be sent to you and I hope when I return in the autumn I will learn that you are all right again. I leave for the Pacific Coast in two days. My son will send the proof when it comes.

Very truly yours
John Macoun

W. H. Pearson Esq.
3 the Polygon
Eccles, Manchester England

April 21st 90

My dear Mr Ransom

The Proof came in time and has been corrected

again so that every correction is in and the proof

is clean. [illegible] marking the [illegible] you noticed

of again so that everything that may have been over-

looked will be put in a [illegible].

I am very sorry to hear of the continued

weakness of your eyes. I can feel a little of how

it is with you as I am in a poor state of health

but [illegible] and could scarcely walk one hundred yards

[illegible] I had good eyes. I do hope yours are improved

and that [illegible] being [illegible] the right. [illegible]

[illegible] is [illegible] so again [illegible]

in the [illegible] [illegible]

but the [illegible] and [illegible]

the [illegible] I not [illegible] the [illegible]

I [illegible] for the [illegible]

with [illegible] the proof [illegible]

Yours truly
[illegible]

[illegible] Ransom Esq.
[illegible] College, Massachusetts England

No649

April 28th 90

My dear Sir

Please find the list of mosses sent the other day. I would be glad if between this and next autumn you would gather as much information as possible regarding the mosses and liverworts of Nova Scotia. Next winter I am going to publish the Catalogue (Part VI) of these and want every item included.

Let Mr Kay and know that any collections he may make will be worked up and credited to him. I leave in two days for British Columbia where I will be until September.

Very truly yours
John Macoun

A. McKay M.A.
Halifax
Nova Scotia

P.S. Part V is going through the press. J.M.

[illegible]

April 23rd 19[illegible]

Dear Sir

Please find the list of names [illegible]

[illegible] this and next [illegible]

[illegible] information as [illegible]

[illegible] the names and [illegible]

[illegible] the Catalogue

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Catalogue [illegible]

Very truly yours

[illegible] Macoun

[illegible] McKay M.A.

Halifax

[illegible]

[illegible]

List of Mr. Ley's N. A. Mosses

1 Hypnum lutescens c 5 etc
2 " " and (barren) H. [illegible]
3 " splendens
4 Neckera pennata
5 Mnium cuspidatum
6 Sphagnum [illegible]
8 Webera nutans
9 Madotheca platyphylla
10. Dicranum scoparium
11 Hypnum [illegible]
12 Ceratodon purpureus ([illegible])
13 Atrichum undulatum
14 Hypnum [illegible] 2 + 17
15 Dicranum + 21 flagellare
18 Ulota crispula
19 Frullania [illegible]
20 Barbula ~~[illegible]~~

No 850

April 18th 90

Dear Mrs. Britton

The Bulletin has just come. Many thanks for the extra copies. They are gone in part to Lindberg today. I am very much pleased with the arrangement in the Bulletin and hope to give you many new names in the autumn. I will send you every form of Grimmia and Orthotrichum I may in the coming summer without any reference to Lindberg and then can tell you what he makes of them. Are there any other genera you desire to get specimens of?

Lindberg has G. [illegible] under consideration. I never was satisfied with it as I found I had mixed the specimens. Your opinion that G. [illegible] is represented in the specimens sent is likely correct as I have that species from the same locality.

No 152 Lindberg meant that B. Macounii was a Philonotis. He had described it as B. [illegible] before he knew this. Do what you think best about this.

Before I leave I will send down a few more

2

Orthotrichum. I find that my O. [illegible] of 1875 = O. [illegible] of 1869. I have sent the specimens to Kindberg who I have no doubt will agree with you. I do not put implicit faith in either [illegible] or Kindberg in this species making but I do put faith in their knowledge of European forms. If we do not agree with the European ones then we are not identical and we either are making a new species. This is my idea. I am neither a lumper nor a splitter but believe that every permanent form should have a name.

I will always send you any of the new species and varieties so that you can examine them and when it suits you criticise them and publish the criticisms. Let me know at once any of the new species not yet received and I will send them. [illegible] I have [illegible] [illegible]

I find that I have spelled Renauld [illegible] the last [illegible]

Very sincerely yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

70

Cambridge. I find that [illegible]
1857 = [illegible]
[illegible]

[illegible]

Yours very truly [illegible]

Mr. [illegible]
Columbia College
New York.

No 651

April 16th 90

Dear Dr [illegible]

It is some time since I wrote you but you
will excuse me when I tell you that I have been so confused
that I hardly know which way to turn. I have been
busy writing up Part V which is now complete and
which brings everything before [illegible] of [illegible].
This paper is now going through the press. Next
autumn the [illegible] [illegible] with the [illegible]
as Part VI. I have copied all the descriptions of new
species and varieties and all pertaining to British
Columbia will be published with a list of British
Columbian [illegible] in [illegible] [illegible] of the [illegible]
The others will be published here. [illegible] the end of
the [illegible] will be published and will be [illegible]
the beginning of [illegible] [illegible] and will come
[illegible] in a few days. The remainder will be sent to you
not in May [illegible] [illegible] Copies will be sent to you.
Any new ones found this summer will be published
separately. What I desire you to do is to count
[illegible] the descriptions for Part VI as I will
[illegible] publish them all [illegible] [illegible]

No 651

April 19th 90

Dear Mr [illegible]

[illegible]

2

Connection with any further notes you may make.
Pennell enumerated 165 Hepaticae and [illegible] year
I added a number of others in that where
I come back next autumn, I will have completed
my chief examinations for Hepaticae and Mosses
and will send the first part to the printer very
soon after my return. Pennell's paper is also
in press and will be distributed before my return.
By arranging to have all the names (new to science) pub-
-lished I [illegible] others and give you a chance to [illegible]
before my own list comes out.

I expect to leave here on the 22nd for
British Columbia where I will be all summer. I commence
to collect mosses as soon as I reach my field of labor
and will forward them to you in packets of 25
or more every week during the summer. I will send all
I have every week. As I will be in a mountainous
Country and one with many climatic conditions
I expect to get many valuable things. This year
I will connect 1885 and 1889 and finish a section
of the North American Continent.

3

Besides my Office work I have some excitement at home as my second daughter is to be married in two days to a gentleman from Boston Mass the ancient heritage. I forget now whether I thanked you for your Photographs but believe I did and now send mine which I hope will reach you safely and give you pleasure.

I have just put up a few more minor shifts. Orthotrichia which I hope you will be able to determine. I am going over all my earlier collections and will send to you everything that may be interesting or difficult. Just address your letters as usual as my mail will be forwarded from the office. I travel all the way in the same Sleeping Car and have my meals in a Dining Car attached to the train and this for over 2500 miles on the same line of Railway in our own territory. One country has a continuous railway for 4000 miles but we are now over 1000 miles from the coast here and I may go within 400 miles of the coast on the west side of the Mountains.

4

April 21st

Since I wrote the three preceding pages the marriage has taken place and I have received from New York the first instalment of the list of British Columbia mosses. I send you nine (9) by this mail. The next part will be printed separately and more copies will be sent you.

I leave in two days. The spring is late in the mountains this year.

Very truly yours
John Macoun

Dr. N. C. Kindberg
Linköping
Sweden.

April 21st

Since I wrote the other [illegible] page this morning, [illegible] letter [illegible] and I have received from [illegible] the first instalment [illegible] [illegible] [illegible] [illegible], I send you nine (9) [illegible] the music. The next [illegible] will be [illegible] and more [illegible] with the next [illegible].

I [illegible] in two days. The spring is late in the mountains this year.

Very truly yours
John [illegible]

[illegible]
[illegible]
[illegible]

No. 6

April 22nd 90

Dear Mr. Small

Your note with enclosure just received. Personally I know scarcely anything about the Snowy Owl. I had the circular before and referred the author to printed works which he doubtless has.

I would suggest the name of Mr. Ernest E. Thompson 186 Howard St. Toronto who has studied the Owls specially. I might also mention our friend Lees.

The trouble is that we in the cities have no chance to obtain the knowledge he asks for and acute observers in the country are scarce. Ask Thompson for names of men in Ontario and Manitoba. He may be able to supply them.

Very truly yours
John Macoun

H. B. Small Esq.
Dept of Agriculture
Ottawa.

April 22nd 90

Dear Mr. [illegible]

Your note with enclosure just received. Personally I know scarcely anything about the [illegible] Ont. I had the Circular before and referred the authors to printed works which he doubtless has.

I would suggest the name of Mr. Ernest E. Thompson 186 Howard St. Toronto who has studied the [illegible] Ont. especially. I might also mention our [illegible] Sec.

The trouble is that we on this side have no chance to obtain the knowledge the [illegible] give and [illegible] in the country are scarce. [illegible] Thompson for names now in Ontario and Manitoba. He may be able to supply them.

Very truly yours
John Macoun

[illegible] Barnett Esq.
[illegible] Agriculture
Ottawa.

No. 63

April 21st 90

My dear Mr. Thompson

Your letter of the 16th inst. came duly to hand but the wedding threw me behind with my work. We have carefully put away all the skins except those taken from [illegible] which we sent to Washington. I will keep all your notes and next winter will try and put everything in order. Thanks for the copy of the Manitoba Mammals and today a little box of skulls. The birds and mammal skins have not reached me yet. I am glad you are sending the Shore Larks as I have not a clear conception of the difference yet. I hope your label will reach us before our tags are procured as we will follow you. Our tag this year will be 2 inches by 1¼.

I will be in Toronto in the autumn if I am well and will not fail to call on you. The Catalogue was sent today (22nd)

Very truly yours
John Macoun

E. E. Thompson Esq.
Howard St.
Toronto.

No 63

April 21st 90

My dear Mr. Thompson

Your letter of the 15th inst came duly to hand but the wedding [illegible] on my mind. We have carefully put away all the [illegible] bought from [illegible] which we sent to Washington. I will look at your order and [illegible] with try and put everything in order. [illegible] the copy of the [illegible] and [illegible] a lot [illegible] of [illegible]. The [illegible] and [illegible] have not reached me yet. I am glad you are looking [illegible] as I have [illegible] the difference yet. I hope you [illegible] and [illegible] before [illegible] as we will [illegible] you [illegible] this year [illegible] by the [illegible]. I will be in [illegible] all the [illegible] of the [illegible] and [illegible] just [illegible] as you [illegible]. The [illegible]

Yours truly
John Macvor (?)

A. E. Thompson Esq.
[illegible] St.
Toronto.

No 654

April 22nd 90

My dear Prof. Beal,

Your note reached me two days ago and today I have put up the mosses for you. They will be sent at once. These only await a name.

I am very glad your mounted specimens was saved from the fire.

I leave tomorrow for my summer's work in the mountains, and hope to get many new mosses this year. The following Numbers are wanting in the set of mosses now sent.

Nos. 60, 115, 276. These I will make good in the autumn. A number of corrections will then be made as Mrs. Britton and others are at work on them. These I will also send. Please notice the few new species described in the Bulletin which I now send.

Very truly yours

John Macoun

No 654

April 22nd 90

My dear Prof Bard

Your note reached me two days ago and today I have [illegible] the names for you. They [illegible] at once. [illegible]

I am very glad [illegible] your [illegible] opinion [illegible]

I have [illegible] for my [illegible] and kept [illegible] The following [illegible]

No. 20, 115, 376. These I [illegible]

[illegible]

[illegible]

Yours truly

Edward Morris

No 655.

Ottawa Apl. 23rd 80

Dear Sir

Your letter of the 9th. inst. and the accompanying proof sheets were received this a.m. The proofs have been sent to Montreal and the revision will be carefully read. I thank you very much for your kindness and trouble and trust that when the list is published it will meet with your approval. I leave in two days for B. C.

Yours Truly
John Macoun

Mr. W. H. Pearson
3 The Polygon
Eccles
England

No 652

April 26th 90

My dear Sir

Owing to press of work I have been unable to get out the Census before I left for the field. I leave in two days for British Columbia where I will be all summer. I will give you a set of our Census next autumn which will please you.

Please write me a line as soon as you receive this and let me know what things in particular you want me to collect for you this summer.

An enumeration of our ~~Census~~ Hepaticae by Mr. Pearson of Manchester, England is nearly through the press. We enumerate 165 species. Not bad for Canada. Part v is nearly all printed and will be distributed next summer. I hope to publish another Catalogue of Mosses next year and at least 100 species of Liverworts.

Keep the Cryptogams until the Autumn.

My letters will be forwarded from the office.

Very truly yours
John Macoun

W. Trelease M.A.
Director Shaw School of Botany
St. Louis Mo

April 28th 90

Dear Sir

Owing to press of work I have been unable
to get out the Cairo before I left for the field.
[illegible]
[illegible]
Cairo must [illegible]
Please write me a line [illegible]
and let me know what things [illegible]
[illegible]
Our [illegible]
Mr. [illegible] of Manchester, England [illegible]
through the year. [illegible]
[illegible]
[illegible] will be distributed and [illegible]
[illegible]
And at least [illegible]
[illegible]
[illegible]

[illegible] M. A.

No 657

My dear Sir

Your letter has remained unanswered because I had given up the intention of including the Lichen-aceae in this part of the Catalogue. Next winter I intend to Catalogue the Charae Mosses and Hepatics.

I was very sorry to learn of your illness but hope you are all right again. I send down with this all my duplicates of the Lichenaceae. Many of them are merely a set of the different forms which I would like to get from you next Autumn. You will notice that nearly all have been sent to you before. There are seven numbers that are marked on the wrapper Collection of 1889. Of these I want the names and a set of specimens of the others only a specimen of each distinct form.

As I believe the Lichenaceae come just before the Mosses I would like to have your notes as to species by November – that is if you think of

No 657

My dear Sir

Your letter has [illegible] [illegible]

I had given up the intention of including the Coleo-

[illegible] in this part of the Catalogue. [illegible] I

[illegible]

I am very sorry to hear of your illness [illegible]

hope you are [illegible] again. I send [illegible]

[illegible]

2

arranging one form for me, for Part [illegible]
I have commenced for British Columbia and hope to make large collections in the Columbia River and its tributaries before I come back. It is just possible I may get to Lake Erie in October next and may then assist you some.
You mistook my meaning in my former letter I meant you to keep one the [illegible] a [illegible] and give me one specimen. I will find more of that [illegible] [illegible].
I collected on Prince Edward Island in 1888 but cannot lay my hand on the specimens just now.
Wishing you a pleasant and prosperous summer. I remain Very truly yours
John Macoun.

J. A. Allen M.D.
10 East 36th Street
New-York

The [illegible] [illegible] Canada
[illegible]

No 658

April 26th 90

Dear Mr. Bebb.

I have been prevented from leaving as soon as I intended but I go now in two days more.

I will look out for Salix Barrattiana and am almost certain to get it in coming stage as I will be in the mountains where it grows.

You would make a far better climber than you think. I only ascend a short distance at a time until I get hardened. After that there is no more difficulty.

I am far from satisfied with the Manual. It is weak because very little new work has been added during 20 years. I hoped for much more than we got from the standing of the Harvard Herbarium in the country.

Depend upon it four years will elapse before a flora of the Canadian area will be published as the present one ignores us altogether.

M. S. Bebb Esq.
Rockford, Ills

Very truly yours
John Macoun

No 659

[illegible] Oct. 24th '10

Dear Sir

Your letters have not been answered as they should have been but both my father and myself have been very busy preparing for "clearing up stock". He leaves here tomorrow night and I shall be detained at least two weeks showing of [illegible] some more [illegible] pages of Part II. We have about some more [illegible] in looking up lists etc for you and I realise that [illegible] I shall give the first day most [illegible] of [illegible] work. I shall give them, to you and shall [illegible] that I can [illegible]. I also to send you a few additions I think. I [illegible] your type written list until the last [illegible]. I shall not be [illegible] [illegible] if I may do that I shall [illegible] a few [illegible] I have taken the liberty of [illegible] a few [illegible] Tomorrow I shall send you Arabic [illegible] on it also. Tomorrow I shall send you in the same packet some papers of my father's that are not included in your list. There is [illegible]

going through the press and will soon be published
a list of Canadian Hepaticae by W. H. Pearson. I will
send you the title page when it comes from the
printer. Some of the notes, that you will not use
but I thought it better to send everything and
let you make your own selection. I shall send
this tomorrow as the "last call for letters" has been
made by our messenger.

Yours truly

Jas. M. Macoun

Dr. N. L. Britton
Columbia College
New York.

No660

Ottawa April 28th 90

Mr. J. S. Palmer
U.S. Dept of Agriculture
Washington D.C.

Dear Sir

Your letter addressed to Prof. Macoun was received by me to-day and I have directed our Librarian to send you the three parts of my fathers Catalogue you ask for. Have you Part IV? If not a note to Dr. Thorburn the Librarian will procure it for you. Part V is now going through the press and will be distributed during the summer. Prof. Macoun has gone to British Columbia for the collecting season.

Yours truly
Jas. M. Macoun
Curator of Herbarium

[illegible]

April 24th 90

My dear Sir

I have been so driven with other work that I never reached the lichens the past winter. My stock of lichens is quite large and nearly all the duplicates were named by Tuckerman. I have no time to work up my lichen collections as I will not reach them for two years yet.

Numerous species mentioned on your list were collected by me and are now in stock and will be sent you next winter.

As you are in communication with specialists on this subject and know many species on sight I venture to propose that during the coming summer I send you lichens in packets of 25, you either name them or get them named and keep the specimens for your trouble. I will get many fine things as I start in two days for the Columbia River north of Lat. 49. As an earnest of what I hope to do I send now some of last season's collections in British Columbia. [illegible] as usual as my letters will be forwarded to B.C.

April 24th 90

Dear Sir

I have been so driven with other work [illegible] I never reached the Lichens the past winter. [illegible] of Lichens is quite large and many are duplicates [illegible] named by [illegible]. I have [illegible] the work of my Lichen collection as I said [illegible] there for the fungi yet.

[illegible] specimens mentioned on your list and [illegible] by me and [illegible] is correct and [illegible] your work [illegible].

[illegible]

[illegible] will be forwarded to [illegible]

Note 2

Ottawa April 26th 80

Dear Sir

After I had done up our [illegible] of [illegible] to-day I found that the parcel was too large to go by post so have sent it by Express. I will therefore not [illegible] you until a day or two after this. My father finds that he cannot get away before to-morrow night and will write to Mrs Britton in the morning. Early next week I shall [illegible] the Board [illegible] first time to go over all the [illegible] in our volumes of Canadian Pamphlets and I do not doubt but that I shall be able to make some additions to your list library.

Yours truly
Jas. M. Macoun

Dr. N. L. Britton
Columbia College
New York.

[illegible]

[illegible] Chicago [illegible] 200 [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Collins Esq

147 [illegible]

Chicago

Ill.

No 663

Ottawa April 28th 90

Dear Sir.

Your letter of the 25th addressed to my
father has just been received and with it the
note-books. He left here Saturday night and
there seems to be nothing in your letter that
requires an answer by him although I shall
send it and the label to him this afternoon. He will
I do not leave here for two weeks and I do
be glad of your notes re labelling and I do
not doubt but that they will be of great service
to me. The specimens were received in good
condition and have been "sorted away". Did
my father answer your P.C. asking about
one tick in 1881? I have enquired about
maps and with the exception of Ogilvie's there have been
Riding and Duck Mtn Mts

were published here. These will have been sent you with the Reports. Our route that year was up Lake Manitoba to Water Hen River and up it to Winnipegosis Lake. Thence north to the lake and on to the mouth of the Red Deer River up which we went to its source taking in every instance the branch on the left. We crossed from it to the Swan River whence we descended to Fort Pelly where we made a portage to the Assiniboine and descended it to Brandon. In the hurry of getting away my father may have neglected to answer some of your queries. If so I shall be glad to do what I can for you

Yours truly
Jas. M. Macoun

Mr. Ernest E. Thompson
86 Howard St.
Toronto
Ont.

No 664

April 24th 20

Dear Sir

In reply to your letter of the 9th inst. I beg to say that Prof. Macoun has gone to British Columbia where he will spend the summer but upon his return from the field next autumn he will be glad to exchange specimens with you and will then [illegible] many rare and good specimens. Next October if you will kindly address Prof. Macoun and tell him from what part of Canada you prefer specimens we shall be glad to send them. I go to join Prof. Macoun next [illegible]

Yours Sincerely

Jas. M. Macoun
Curator Museum

W. M. [illegible]
Prof. Eng. Ontario [illegible]
[illegible] Elmsbury [illegible] [illegible] Switzerland.

No 665.

Ottawa April 28th 80

Dear Sir

I have received both your letters
and would have written before but that we
have been preparing for our departure for the
field. My father started for Brit. Columbia
Saturday night and I shall follow him in
about two weeks. I thank you very much
for your notes on the specimens sent you
my conclusions agree with yours
and with one or two exceptions from Tyrrell's
determinations. The unnamed Arabis from
my father has called A. Columbiana and describes
it in Part II of his Catalogue now going through the
press. The S. reflexa form is also so named by
Watson who wrote of these specimens only last week
he makes the ~~[illegible]~~ [illegible] from [illegible] Falls Q. occidentalis

but I do not think him right in this, as
I cultivated the specimens and in [illegible]
habit and general mode of growth it is like
A. occidentalis. The S. lanceolatifolia from
Mel. Arct.? has been made S. foliosa, R.Br.
[illegible] in the catalogue going [illegible]
by my father and in [illegible] differences between
the [illegible] he points out that [illegible] in Part I of his
and S. lanceolatifolia, in [illegible] under S.
he placed S. foliosa as a synonym [illegible]
Stellaria var. [illegible] so that you agree pretty well
on this plant. I shall send you another
packet before I leave which among other things
will contain your last summer's [illegible]
I value your notes very highly
for Dr. [illegible]. [illegible] them on to [illegible]
and in many cases [illegible] them [illegible],
mounted sheets, as you cannot but [illegible]

it is not always an easy matter to determine specimens from description alone and there are many species of which we have not authentic specimens. A good deal of our trouble has been caused by the misnaming of specimens received from American botanists some years ago. Can I do anything in this botanical way for you in B.C.?

Yours sincerely
Jas. M. Macoun

Dr. Thos. Wilson.
United States National
Museum.
Washington
D.C.

[illegible]

[illegible]

[illegible]

No 666

Ottawa April 28th 90

Dear Madam

In the hurry of getting ready for the press my father I find neglected to answer your letter of the 23rd. inst. I have nothing whatever of his arrangement of the music in our Librarian and would not like to send away any of the specimens. So that I fear you must wait until the edition for which you ask for. Anything you may do in the editing of his music papers will I know be satisfactory to him

Yours truly

Jas. McMasters

Mrs. E. G. Britton

New York.

No. 667

[illegible] Apl 29th 80

Dear Sir

I beg to enclose herewith a P.O. order for [illegible] the amount of the fees due from me as a member of the Linnean Society

Yours truly

John Mason

[illegible]

The Treasurer of the Linnean Society
Burlington House
London

[illegible]

Ottawa April 28th 90

Dear Sir

Your letter of the 17th inst addressed to my father was received to-day and your queries have been sent him. As regards your specimens, he will not be home before September and could examine them then. If you do not care to wait until then Mr. Jas. Fletcher of the Central Experimental Farm here would be quite willing to determine them for you I do not doubt. My father would certainly edit your paper on the Newfoundland mosses and would see that the latest revisions were used ~~in~~ in arranging genera and species. The 5th part of the Catalogue is now going through the press and will be ready for distribution in about two months, if you do not receive a copy by July 15th. write to

the Librarian of the Nat. Society about it. I shall leave here for B.C. in about two weeks and our office will then be closed until September so that if there is anything else you wish done it will be necessary to write at once.

Yours truly

Jas. M. Macoun

Curator of Museum

The Rev. A. C. Waghorne

New Harbour

Newfoundland.

No 669

Ottawa April 30th 80

Dear Sir

Your letter of the 23rd would have been answered at once but that I had some little trouble in arranging with our Librarian that your name should be placed on the permanent list of those to whom botanical publications are to be sent. I dare say you know from your own experience the amount of red tape that must be employed in such matters. However it has been satisfactorily arranged and Part II sent you. Should you not receive other publications as they appear a note to my father or myself will be sufficient to ensure your getting

...ou. Have you the other parts of his Catalogue
I, III, IV? Part V is now going through the
...ess. as well as a list of Canadian Hepaticae.
...y father had started for B.C. before your
...ter reached here and I am not sure
...at James he wished to send you. I have
...ritten him about the matter and when I
...quire a reply will send them to you
...with some grasses that I have got out
for Dr. Vasey. Have you two government
herbarium at Washington, one in connection
with the Dept. of Agriculture and one at the
National Museum?

Yours Truly
Jas. M. Macoun
Curator of Herbarium

...r. Fred. Coville
National Herbarium
Dept. of Agriculture
Washington
D.C.

No. 670

Ottawa April 30th 20

Dear Sir

Your letter of the 28th inst. ad-
dressed to Prof Macoun has just been
received. My father started for B.C. the
day after the packet was sent you. If the
Lake Damasquita of your letter is Lake Tem-
iscouata as I suppose it to be you can
reach the place very easily. The best route
is to Riviere du Loup and then by the Tem-
iscouata Railway to Notre Dame du Lac
which is situated on the lake and there is
a good hotel. Lake Temiscouata is on one of
the many tourist's routes to the Saguenay.

Yours truly
Jas. M. Macoun

Dr. J. A. Allen
No 10 East 36th St.
New York.

no 671

Ottawa May 9th 90

Dear Sir

Your letters of the 2nd and 3rd are
just at hand. I have marked our 1881 list
in your map, but was not with my father
in "79 & 80 and so know no more about
his wanderings in that year than what
I have told you. I have spoken to Dr. Bell
about the Least Bittern and he says that
of the published localities that they were
... he has no notes on
account but that he ... in his
birds than those embodied in his
reports, which is not very satisfactory.
I have the copies of St. Nicholas containing your
articles. Your letter spoke of them to me
yesterday. Bon voyage!

Yours truly
Jas. M. Macoun

Mr. Ernest E. Thompson
Toronto Ont.

No. 672

Ottawa May 2nd 90

Dear Sir

Your letter of the 29th addressed to Prof Macoun has just been received and will be forwarded to him to-day. I join him in B.C. next week and as my particular work when we are together is the flowering plants I shall see that a good series of those you ask for is collected. We shall visit the same localities at different seasons so that in most cases both flowers and fruit will be collected. As our office will be closed until the autumn it will be better not to send any of the specimens back until our return in the fall

Yours Truly

James M. Macoun

Curator of Herbarium

Dr. Wm. Trelease

Director of Shaw School of Botany

St. Louis Mo.

No. 672

Allen Hazen Esq

Dear Sir

Your letter of the 27th addressed to Prof [illegible]

[illegible]

St. Louis Mo.

H0628

Ottawa May 6th 90

Dear Sir

I am in receipt of your letter addressed to Prof. John Macoun who is now in Brit. Columbia. I shall join him in about two weeks and shall attend to the mailing of specimens to your property. From the immense number of new mosses – more than 50 – which we found in B.C. last season I do not doubt but that new lichens will also be discovered. If the packet has not yet reached you please let me know and I will look into the matter

Yours truly

Jas. M. Macoun

Mr. W. W. Calkins
1162 Jackson St.
Chicago. Ill.

[illegible] Wright [illegible]

Dear Sir:

I am in receipt of your letter [illegible] to Prof. John Macoun who is now in British Columbia. Please give him the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

Yours truly

Jas. M. Macoun

W. W. Calkins

[illegible] Jackson St.

Chicago, Ill.

No 674

Ottawa May 6th 90

Dear Sir

Your letter of the 2nd inst. has
been received. Many thanks for your offer
to send us specimens and [illegible].
I shall be glad to do what I can for
you in the field but I am being delayed
here for so long that I shall be unable
to crowd the four months work into [illegible]
[illegible] as I should be at work in
British Columbia now. However I shall be
able to do something. Please send me
a little further directions about the size
of plants wanted and the best manner
of packing them. I collected roots of [illegible]
plants three years ago for the Colonial Ex-

[illegible] but I then [illegible] the native [illegible]
and [illegible] [illegible] in [illegible] but what I
imagine you want are in [illegible] plants as
are likely to live. Address your answer care
and it will be forwarded to me if I
have started for the field.

Yours truly

Jas. M. Macoun

Dr. Theodore Holm

U.S. National Museum

Washington D.C.

Ottawa May 8th 90

Mr. Samuel Wilmot
Supt. of Fish Culture
Dept. of Fisheries

Sir.

Just before Prof. Macoun's departure for British Columbia ten days ago he instructed me to purchase for him seines, alcohol and a few other necessary articles to be used in collecting and preserving fish. This I have done. But he also told me that an arrangement had been made with the Fisheries Department to advance him a sum of money to meet the expense incurred as the fish were to be collected for the museum in connection with that

Department. I have since heard nothing officially of the matter. Dr. his letter to the Deputy-Minister of the Fisheries Department written the day before he left Ottawa he mentioned the amount that would be required to do the proposed work. As I know that Prof. Macoun on several occasions talked over the matter with you, I take the liberty of asking that you speak to the Deputy Minister and learn whether anything can be done. I shall leave here in about 10 days and join Prof. Macoun at Revelstoke B.C. and if the collection is to be made for the Fisheries there are still a few articles to be purchased

Yours truly

Jas. M. Macoun

be impossible to examine their specimens before next autumn. They are safely stored now in my own room and will be attended to immediately upon the return of Prof. Macoun to Ottawa when they will also be supplemented by specimens from among our duplicates.

Yours truly
Jas. M. Macoun
Assist. Botanist.

The Rev. Prof. J. C. Carrier
St. Laurent College
St. Laurent
Que.

No 176

Ottawa May 28 93

Dear Sir

Only yesterday there was given to me the box of botanical specimens that had been sent here for determination during the winter. Perhaps it has been explained to you how it came to be overlooked but I have been unable to discover why it was not brought to Prof Macoun when first it was received. I regret that Mr. Macoun is now in British Columbia where I shall join him in a few days so that it will

No 276

[illegible] May [illegible] 69

Dear Sir

Only yesterday there was given
me the box of botanical specimens
[illegible] had been sent here for [illegible]
during the winter. Perhaps it
has occasioned to you some [illegible]
[illegible] to be once [illegible] but I [illegible]
[illegible] to [illegible] why it was
[illegible] to Prof [illegible] where
[illegible] to regret that
it was received. [illegible]
[illegible] in [illegible]
[illegible] I shall give these
[illegible] it [illegible]

No. 427

Ottawa May 28 10

Dear Madam

I have sent you to-day a packet of plants for the Calif. Acad. of Sciences. When you have had time to look over them I would be glad if you would advise me of any specimens which you think incorrectly named if you find any such. Should you do so kindly mention the locality from which specimens were procured.

Yours truly
Jas. M. Macoun
Curator of Herbarium.

Mrs. Katharine Brandegee
Cal. Acad. of Sciences
San Francisco Cal.

No 677

Ottawa May 14th 80

Dear Sir

Prof. Macoun has sent me from British Columbia a small packet containing hepaticae, I have re-addressed it and will mail it to you to-day.

Yours truly

Jas. M. Macoun

Prof. L. M. Underwood
Syracuse University
Syracuse
N.Y.

No 678

Ottawa May 14th 20

Dear Sir

Prof. Macoun sent me two packets of mosses from British Columbia which I have re-mailed to you to-day. Your postal card was received this morning and will be forwarded to Prof. Macoun.

Yours truly

Jas. M. Macoun

Nils Conrad Kindberg
Linköping
Sweden.

No 629

Ottawa May 21st 90

Dear Sir

Your letter of April 29th addressed to Prof. Macoun has been received and I shall forward it to him in British Columbia where he now is. I do not doubt that he will be pleased to exchange Lichens with you and may perhaps ask you to determine some of his collections for him.

Yours truly

Jas. M. Macoun

Asst. Botanist

Dr. J. Hulting

Norrkoping

Sweden

No 27?

Ottawa May 2nd 90

Dear Sir,
Your letter of April 29th addressed
to Mr. Macoun has been received and I
will forward it to him in British Columbia
where he now is. I do not doubt that he
will be pleased to exchange lichens with
[illegible] Canada to
[illegible] [illegible] you
[illegible] many [illegible] collections for
[illegible] [illegible]
Yours truly
Jas. M. Macoun
Asst. Naturalist

Mr. J. Williams
Washington
[illegible]

No 6 80

Ottawa May 21st 20

Dear Sir

A telegram received from my father yesterday tells me that he requires [illegible] in British Columbia as he finds he [illegible] [illegible] keep up with the season in his [illegible] I am hard at work on the binding [illegible] cataloguing; I am [illegible] Parts III & II of his Catalogue and when [illegible] get through with it tomorrow and in that [illegible] I will leave here the following day. I am sorry that I shall not have time [illegible] examine the bound volumes of pamphlets [illegible] the library for you as I promised [illegible] and return with this your list [illegible] suppose most [illegible] will be [illegible] able to do this for you, but I and

I shall be glad to make a thorough ex-
amination of all our books when I
return from the field. Many thanks
for your good wishes

Yours truly
Jas. M. Macoun

Dr. N. L. Britton
Columbia College
New York.

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[illegible] 8

Dear Sir

Your letter of [illegible] with [illegible] [illegible] was received [illegible] [illegible] will not be in [illegible] for about ten days [illegible] but Mr [illegible] will then be [illegible] and [illegible] with you [illegible]

Yours truly
Jas. M. Macoun

[illegible] Esq.
Edmonton
[illegible]

No. 789

Ottawa Sept. 18[illegible]

Dear Sir

Your letter of the 11th inst. with the packet of specimens reached here some days ago but I have not been in the city. Prof. Macoun is now in Western Ontario and will not be home for about ten days. He will then name and return to you your specimens

Yours truly

Jas. M. Macoun

Mr. J. L. Walker

Sudbury

Ont.

Clinton [illegible]

Dr. Geo. Vasey
U.S. Dept. of Agriculture
Washington DC.

Dear Sir,

Your letter of the 6th inst. reached here some time ago. I suppose but neither Prof. Macoun nor myself has been in Ottawa. Prof. Macoun is now in western Ontario but I expect him here in about ten days when he will reply to your letter. Did you receive a packet of grasses I sent you last spring that named by Mr. Scribner, the letters are sometimes mis-[illegible] when we are in the field and no acknowledgement was received. We shall be able to send you a number of interesting plants later on as large collections were made in B.C. this year.

Yours truly
Jas M. Macoun

No 801

Sep. 30th 0

My dear Sir

Your letter has been received and I am glad the Catalogue pleases you.

Fatsia horrida must be valuable as a medicine as all its relatives are. Aralia quinquefolia (Ginseng) A. nudicaulis (Sarsaparilla) A. racemosa (Wild Spikenard) and A. hispida (Witch Hazel) are all valuable medicines in eastern America. I am quite sure therefore that Aralia horrida is useful Medicine. I know something of its physical properties as I have spent hours in river bottoms working my way through it.

Very truly yours

John Macoun

James G. Swan M.D.
Port Townsend
Washington U.S.

Sept. 30th

My dear Sir

Your letter has been received and I am glad the Catalogue pleases you.

[illegible] must be included as a [illegible] as are its relatives the [illegible] ([illegible]) [illegible] ([illegible]) [illegible] ([illegible]) and [illegible] ([illegible]) are all [illegible] in [illegible] ([illegible]). I am quite sure that [illegible] is [illegible]. I know something of the [illegible] as I have [illegible] in [illegible] anything my way through it.

Very truly yours

Otis T. Mason

James G. Swan M.D.

Port Townsend

Washington Ter.

No 802

Sep. 30th

Dear Mr. Best

After five months successful collecting I am once more at home. As usual I have many fine things and a few [illegible] which I will send later on.

I have your article on [illegible] [illegible] and agree with your expressed opinion, that it is a hybrid. I have discovered many hybrids and believe there are many others now considered good species.

Your article on [illegible] opens up the same question and from my own knowledge obtained in the field I am quite satisfied there is a large opening for further research in this direction.

Dr. Kindberg and Dr. Carl Müller have been working on my collections of Canadian mosses during the past summer and the latter says my discoveries constitute an epoch in American Bryology. They credit me so far with 171 species new to science or an addition of fully one fifth to the moss

Sept. 30th

Dear Mr. Cockerell

After five months successful collecting I am once more at home. As usual I have many fine things and a few Hymenoptera which I will send later on.

I have your article on Oxytropis(?) Halictus and agree with your expressed opinion that it is a hybrid. I have discovered many hybrids and believe there are many other new undescribed forms of [illegible]. Good article on Hymenoptera some of the new genetics and from my own knowledge which in the field I am quite satisfied there is a large opening for further research in this direction.

Dr. Hinckley and Dr. Carl Müller have been working on my collection of Canadian mammals during the past summer and the latter says my discoveries constitute an epoch in American Ornithology. They credit me so far with 171 species new to science in our collections. I fully expect to the more

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flora of America.

By this you will see that I have not been idle since I was in England and that it is not the one branch of Botany that I am at work.

Should you see Mr. Bennett please say that I had his letter early in summer and that if there are any other species he wants he might drop me a line and I will send him what I have.

Very truly yours
John Macoun

W. H. Beeby Esq.
14 Ridinghouse St.
London W.
England

P. S. Is Mr. Marnett living? He has ceased to write.
J. M.

Dear Sir

By this you will see that I have not been well since I was in England and that it is not the one month of [illegible] that I am at work.

Should you see Mr. Bennett please say that I find his bill ready in [illegible] and that if there are any other [illegible] he would like to see [illegible] I will send him what I have.

Very truly yours
Alfred Warren

W. H. Bailey Esq.
14 Buckingham St.
[illegible]

P. S. To Mr. Warren being [illegible] the same
be sent. J. W.

No. 40?

Sep. 30th

My dear Sir

I have been absent from home for the last three weeks and was agreeably surprised on my arrival to find on my table your "Key" to the Mosses of James & Lesquereux's Manual. You have conferred a great boon on American Bryologists by the publication of this work and you may rest assured that it will give a stimulus to this branch of Botany so that more of our young botanists will collect in this rather difficult field.

During the past summer Dr. Kindberg spent two months with Dr. Carl Müller at Halle working at my collections of the past four years. Including Dr. Kindberg's former labor and his new species they have made out no less than 171 new species and with what they have yet to examine they may increase it to 200 species. Dr. Müller says my Dicranums constitute a new group in American

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Bryology. All these species with certain numbers and other species will be published this winter in Part VI of my Catalogue of Canadian Plants. My list of Canadian mosses will number nearly 900 species. I am quite sure your valuable addition to American Bryology will very materially assist the young botanists, the publication of my new species will likely make up to the fact that the moss flora of the United States is far from being exhaustively collected and examined.

Of the four Centuries already published of the Canadian Mosses, the above authors have made a number of corrections and changes. These will be all mentioned in the Catalogue and the number of the moss in the Centuries given under each species. I expect a good deal of adverse criticism but care only for the truth which will in the end come to the surface.

Very truly yours
John Macoun

Prof. C. R. Barnes
Madison, Wis.

'40.V04

Sep. 30th

My dear Madame

Three weeks ago today I left for the western part of Ontario and just arrived home again on Saturday last. The morning I left your note arrived and I picked it up and placed it in my pocket to read on the train. I never thought of it once and yesterday found it in my overcoat that I had with me but never used while absent. I am very sorry that this happened but the above is the actual facts of the case.

The Mimulus you refer to is M. Lewisii which I consider the finest of the genus. It is very common on all the British Columbian mountains especially above the timber line. During the past three summers I have been collecting in British Columbia and have made many

Sep. 30th

Dear Markham

Three weeks ago today I left for the
[no]rthern part of Ontario and just arrived home
[ag]ain on Saturday last. The morning I left
[I] wrote Ewing and I posted it myself
[in] my pocket the road on the train. I never
[thou]ght of it more and yesterday found it
in my overcoat that I had worn but once
[the] whole time. I am very sorry that this
happened but the above is the actual facts
[of] the case.

The Bromeliae you refer to is P. Davisii
[wh]ich I consider the finest of the genus. It
[is] very common on all the British Columbian
[illegible] especially above the timber line. During
[the] past three seasons I have been collecting
British Columbian and have made many

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discoveries. Besides flowering plants I have actually discovered 171 species of Mosses new to Science, which will be published in Part VI of my Catalogue which I am now writing.

I was much pleased to read your note and hope that you may be successful in getting out of your plant.

Very sincerely yours
John Macoun

Mrs. F. M. Redwood
Montreal.

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[illegible]. Besides flowering plants I have actually determined 171 species of Mosses now in [illegible], which will be published in Part IV of my Catalogue which I am now working.

I was much pleased to read your note and hope that you may be successful in getting [illegible] of your plants.

Very sincerely yours
John Macoun

Mr. F. M. [illegible]
Montreal.

Vi. 805

Oct. 1st

Dear Mrs. Britton

I am home again and find your notes. In your letter of Sep. 21st when referring to my critic that you have given me the key to his assumption of knowledge for whether he knows it or not your humble servant is not going to take his statements as gospel without his furnishes the proof. Since I wrote you he has sent me his pamphlet with a note of apology for not having sent it sooner. I see your hand in it. His work is a valuable addition to American Bryology and will do much to show the defects in Barnes own work as well as in Lesq. & James work. In many cases the specimens will not fit in with either book or both I think.

Regarding Century V I wish to ask a question. Will it make any difference if the species do not follow in consecutive order? I have 72 species

Oct. 1st

Dear Mr. Britton

I am home again and find your note. In your letter of Sept. 1st when referring to my article that you have given me the [illegible] to the assumption of knowledge for what he knows of [illegible] is not your intention he is not going to take his statements as perfect without he furnishes the proof. Since I wrote you he has sent me his pamphlet with a note of apology for not having sent it sooner. I see you named in it. This work is a valuable addition to American Bryology and will do much to clear the subjects in Bruchia [illegible] as well as in other genera [illegible]. In many cases the specimens will not fit in with either text [illegible].

Regarding [illegible] I wish to ask a question. Will it make any difference if the species [illegible] of [illegible] in [illegible] [illegible] I have [illegible]

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put up and can very soon complete it. As soon as I can get matters in proper shape I will begin to send you the new species.

Letter of Sep. 23d

I cannot tell when Scouleria Nevii, C. Muell. was published. Bryum obconicum, Hornsch. constrictum, Kindb. n. subsp. was collected in swamps in the Columbia River valley at Donald B.C. July 6th 1885. Eurhynchium Macounii, Kindb. n. sp. On rocks along the Nanaimo River, below the Railway Bridge, Nanaimo, Vancouver Island, April 27th 1887. The "Canadian Musci Exsiccati" were published in 1888 but I cannot tell the exact time.

Please let me offer you and Dr. Brotherus all the assistance I can give in specimens, notes and other data in any publication you may enter into as I consider that both of you are destined to shed a much clearer light on American botany than now illuminates the American

2

horizon from the flashing [illegible] of men you know is the incandescent electric light of our friend [illegible]. I am very glad you accepted the partnership. Remember my offer is a standing one and all the material I have in herbarium will always be at your service. My candid opinion is as above. I am not young and have seen many of the able men of the past and have felt awed at the display of first class ability both in America and Europe but when I met you and Dr. Britton in Toronto I felt that you were the coming [illegible] and have as [illegible] [illegible] over mine. Get the assistance we can give [illegible] any way expect to receive it and I write you a [illegible] [illegible] and say I will not promise this to any other.

Your note of Sep. 24th came this morning. Thanks for the little [illegible] [illegible] I have never seen it before. My [illegible] is not the [illegible] [illegible] makes No. 63 ([illegible] [illegible]) [illegible] [illegible].

What is your opinion?

3

The specimens which in 1875 were named by Austin – the Europ. specimens by Braithwaite, Lindberg and [illegible] in a few other [illegible] of the new species made by him and by him and E. [illegible] [illegible] ([illegible] [illegible] [illegible]) and of the named species. The former includes [illegible] his [illegible] new species and the latter makes no mention [illegible] in former & long work. [illegible] find a few of the new species. Later on I will send you others. I hope you will kindly examine all these and freely give your opinion.

Very truly yours
Gilbert [illegible]

Mrs. E. G. Britton
Columbia College
New-York

No. 906

Oct. 7th

My dear Sir

I returned from my western trip two days ago and yesterday sent to your address Centuries I–IV. One Century I [illegible] is wanting but I have collected a supply and will send it in a few days. Centuries II & III will be sent shortly. I have much to do before winter sets in.

About a week ago I had a letter from Dr. Kindberg in which there was a list of new species collected by me and named by himself and Dr. Carl Müller. The list contained 171 species. Some of the names in Canadian Musci are changed but as they are referred to by the number given they can easily be corrected. A complete list of Canadian mosses will be published by me this winter and all the new species will be described. As there

No. 906

Oct. 1st

My dear Sir

I returned from my vacation a few days ago and yesterday sent to you the Centuria [illegible] – [illegible]. The Centuria [illegible] there is nothing but I have collected a supply and will send it in a few days. Centuria [illegible] will be sent shortly. I have much to do before winter sets in.

About a week ago I sent a letter from Dr. [illegible] in which there was a list of new species collected by me and named by himself and Dr. [illegible]. The list contains 171 species. Some of the names in [illegible] are [illegible] but as they are expected to be by the [illegible] they can easily be corrected. A complete list of [illegible] names will be published by me this winter and all the new species will be described. [illegible]

2

is a great amount of work to be done in collecting and examining nearly 900 species of mosses you will not be surprised if we appear to be slow in putting everything in shape.

All my Sphagna are to be examined by C. Warnstorf who has done so much for Mr. Faxon.

Depend on me sending you the complete series of the new mosses or at anyrate as nearly complete as possible.

Rev. C. H. Demetrio
Emma, Saline Co.
Mo.

Very truly yours
John Macoun

P.S. I am afraid Dicranella subulata is a mistake. If so send back the specimen and I will send you the correct one. Any mistakes you may discover, let me hear of them as my aim is to get at the truth. J.M.

2

is a great amount of work to be done
in collecting and examining many 200 species
of mosses from Ohio and is surprised if we offer
to be slow in finishing everything in this.
All my duplicates are to be examined by
L. Warnstorf who has done so much for the
[illegible]

Enclosed in one I am sending you the complete
list of the ... mosses as at present as nearly
complete as possible.

A. H. Cunningham — Very truly yours
Lebanon, Ohio.
Mr. John Macoun

P.S. I am afraid Orthotrichum ... is a
mistake. If you send back the specimen I
will send you the correct one. Any mistakes
you may discover, let me know of them as my
desire is to get at the truth. J. M.

copy which he will sell for $10.00. The book is not worth that amount however. The Quarterly Journal of Geol. Soc. of England is to be procured from the Sec. of the Society at Burlington House Piccadilly, London. Dr. Robt. Bell, Mr. J. Tyrrell and Mr. McConnell all of this Dept read papers on the Glacial Phenomena in Canada at the meeting of the Geol. Soc. of America last winter. These papers were published by that Society. A note to Dr. Bell would no doubt procure you the information you want. His present address is Ottawa Ont.

Yours Truly

Geo. M. Dawson

No 808

Ottawa Oct 1st

Mr. H. P. Hubbell

Winona. Minn.

Dear Sir

Your letter of the 12th. inst. was received at the museum here some time since but neither Prof. Macoun nor myself had yet returned from the field. He is not yet home but in his absence I can give you the information you ask for. Dawson's "Report on the 49th Parallel" is out of print but Mr. H. Ami of this Dept. has a new copy which he will sell for $4.00. "On the Glacial Phenomena of Canada," Ramsay and "Notes on the Post Pliocene of Canada" Dawson may be had from the Nat. Hist. Society of Montreal. Logan's "Report on the Geol. of Canada" can not be procured from this Dept. but I find that one of the staff has a

No 90 ?

Ottawa Oct 1st

Mrs. H. P. Webber

Lawrence, Mass.

Dear Sir:

Your letter of the [illegible] was received at the museum some time since but [illegible] very busy [illegible] from the field. It is not yet known but in his absence I can give you the information you ask for. Dawson's "Report on the 49th Parallel" is out of print but Mr. H. Ami of this Staff has a copy which he will sell for $4.00. "On the Pleistocene [illegible] of Canada", Ramsay and "Notes on the Post [illegible] of Canada" Dawson may be had from the Nat. Hist. Society of Montreal. Logan's "Report on the Geol. of Canada" can not be procured from this Dept. but I fancy that one of the Staff has a

No 809

Oct. 3rd

Dear Dr. Kindberg

I have returned from my three weeks trip and have obtained about 120 species of mosses. None may be new but many of them are rare and you have not had them except in Canadian Musci.

Your lists and letters and card of Sept. 18th have reached me. I am bewildered with the number of new species I have collected and see now how much is yet to be done in Canadian Bryology.

Has Dr. Müller my Catalogue of Canadian Plants and would he like a set of my Canadian Musci? I would gladly present him with both.

I am only writing a short note. Will send a package next of week.

Very truly yours
John Macoun

Dr. C. N. Kindberg
Linköping
Sweden

No 509

Oct. 3rd

Dear Dr. Hinckley

I have returned from my [illegible] trip and have obtained about 150 species of mosses. There may be none new but many of them are rare and you have not had them except in Canadian Musci.

Your lists and letter and card of Sept. 4th have reached me. I am bewildered with the number of new species I have collected and see now how much is yet to be done in Canadian Bryology.

[illegible] Rev. Dr. [illegible] my Catalogue of Canadian Plants and would he like a set of my Canadian Musci? I would gladly [illegible] with [illegible]. I am only waiting a short note. [illegible] a package [illegible]

Very truly yours
John Macoun

Rev. [illegible] Hinckley
[illegible]
[illegible]

No. 105

Ottawa Sept. 20

Dear Sir

Your card has just been received and
reply I would say that I shall be pleased to
change plants with you. We have thousands of ^duplicate specimens
om all parts of Canada — this year I collected 8000
ents in British Columbia — but it is impossible
make a list of them. I send you however a copy
my check list of Canadian Plants and if you will
ark your desiderata on it I do not doubt but that I
hall be able to send you a great many of them.
an you send me a list of your duplicates or
omething on which I can mark our desiderata?

Yours truly

Jas. M. Macoun

Curator Herbarium

M. S. Hart Wright
Penn Yan
N.Y.

No. 810

Oct. 2nd

Dear Dr. Underwood

Your letter containing the names of the Hepaticae forwarded from the mountains came some time since but in my absence from Ottawa.

Please accept my grateful thanks for your trouble and do not be making any excuse for your want of promptness as I know what it is to be busy myself and make every allowance in mine. By this mail I send 25 packets more and I have still many others when I can get at them.

Dr. Kindberg & Dr. C. Müller have been revising my collections of mosses and have characterized not less than 171 new species besides many others new to America though not new to science.

Mr. Pearson's paper on the Hepaticae is in the hands of the binder and will be distributed shortly. Part 1 of my Catalogue will be distributed shortly also.

Oct. 2nd

Dear Dr. [illegible]

Your letter containing the names of the [illegible] forwarded from the mountains came here [illegible] in my absence from [illegible].

Please accept my grateful thanks for your kindly [illegible] and do not be [illegible] any more for me [illegible] of [illegible] as I know what it is to be busy myself and [illegible] many [illegible] in [illegible]. By this mail I send [illegible] me and I have still many others I can get at them.

Dr. [illegible] & Mr. [illegible] have been revising [illegible] collections of [illegible] and have [illegible] them 171 new species besides many other [illegible] though not new to science.

Mr. [illegible]'s paper on the [illegible] is in the hands of the printer and will be distributed shortly. Part 1 of my Catalogue will be distributed shortly also.

2

Part VI of the Catalogue of Canadian Plants is to include the Mosses and Liverworts and is to be printed this winter. Dr. Kindberg is preparing descriptions of all the new mosses and all his original notes and descriptions will be credited to him both in the preface and in the body of the work. I purpose doing the same with the Liverworts. All the determinations will be credited to you and Mr. Pearson and all your notes will be placed under the species and my notes of distribution afterwards. This Part begins a new series and I will commence with a new number. As soon as I get Pearson's preface I will send you a copy so that you may see what his views of our species are.

If you make a complete list with notes of all the species submitted to you I would print it just as you write it with your name under every species, but what Pearson says about the same species would be there also as well as the localities of my own

Part VII of the Catalogue of Jamaica Plants
is to include the Mosses and Liverworts and is
to be printed this winter. Mr. Mitten is preparing
descriptions of all the new mosses and all his critical
notes and classifications will be credited to him
both in the preface and in the body of the work.
I propose doing the same with the Liverworts. All
the determinations will be credited to you and Mr.
Pearson and all your notes will be placed under
the species and any notes of distribution afterwards.
This Part begins a new series and I will commence
with a new numeration. As soon as I get Pearson's
paper I will send you a copy so that you may
see what his views of new species are.

If you made a complete list with notes
on all species collected by you I would print
just as you wrote it with your name under any
species, but what Pearson says about the same species
would be [illegible] as well as the localities of [illegible]

3

and others.

I have got to do this as I want the Catalogue to have a certain continuity throughout.

I will send down a map of at least a part of British Columbia in a few days.

By all means report systematically by species as the numbers are of no material use except if you included the numbers in brackets it might be useful at times for obvious reasons.

As soon as I can get some Photos finished I will gladly send you one and hope you will honor me by an exchange. Should you fall in with my idea of printing your notes there need be no hurry as the mosses will number nearly 900 species and they come first so that it may be March before I reach the Liverworts. There will be a few additions from here this Autumn.

Very truly yours
John Macoun

Pr. L. M. Underwood
4 Sacramento Place
Cambridge Mass

3

...nt others. I have yet to do this as I want to [illegible] I have a certain uniformity throughout.

I will send down a map of at least part of British Columbia in a few days.

By all means adopt [illegible] species as the mountains are of no material [illegible] if you included the mountain in the list might be useful at times for obvious reasons.

As soon as I can get some Plates finished I will gladly send you one and hope you will favor me by an exchange. Should you fall in with my idea of printing your notes it must be no hurry as the means [illegible] my 500 species and they are just on the list [illegible] be Mosses before I reach the [illegible]. [illegible] for exhibition [illegible] the [illegible].

Very truly yours
John Macoun

[illegible]
[illegible] Place
Cambridge Mass.

15

No. 811

Oct. 3d

Dear Dr. Vasey

Your letter of Sept. 6th came while I was almost out of writing [illegible] in revising Centuries, or I should have attended to it [illegible].

I am sorry to learn that your [illegible] has been [illegible] the country air will [illegible] have the same effect on you [illegible] me. I am nearly 60 now and you are [illegible] must be nearly as old as [illegible]. I [illegible] many friends [illegible] from you and [illegible] over 25 years ago.

By this mail I send four Centuries of the mosses. Century V will soon be complete and this winter I hope to issue a Century of Liverworts. The four Centuries now sent are deficient in [illegible] I have no. 60 [illegible] 118, 138, 166, 203, 220, 234, 2[illegible] & 373 [illegible] cannot put at them now: I will 115, 134, 22[illegible] [illegible] complete later on or give you [illegible] the whole series complete [illegible] [illegible] inked.

Some of the species sent will have their names changed [illegible] when I write Part VI of my Catalogue.

2

which will contain all the mosses and lichens. All the species sent out in the Centuries will be affixed [illegible] by [illegible] [illegible] will be correct. Dr. Kindberg & [illegible] are working up all my mosses and already [illegible] 171 species new to science. Some of these are contained in the first four Centuries and many will be included in Century V.

We will send down to Dr. Coville a series of our rushes (Juncus) for the purpose of getting his opinion on them. I would take it as a great favor if you could send me a complete series of United States Juncus as we have no authenticated set. We have many mountain species we can send you in return.

Very truly yours
John Macoun

Dr. George Vasey
Dept. of Agriculture
Washington D.C.

No. 812

Oct. 4th

My dear Sir

Your card dated Sep. 15th was duly
received and in response to your kind in-
-vitation I forward by this mail 33 packets
put up in the [illegible] you said. I retain du-
-plicates numbered in the same series.

I have many others which I will send
later on besides the set of named specimens that
I will send for your examination.

I have collected many species of other mosses
but these [illegible] are being worked up by
Co. Kindberg of Sweden, or Dr. Card. Müller of Halle.
The latter gentleman [illegible] my bryological discoveries
Connecticut, are [illegible] in American Bryology. These
gentlemen have characterized no less than 101 species
as being new to science that I have collected in Canada
I have duplicates of some species that I would cheer-
fully send you but the greater number are made up
into Centuries that are sold at five dollars per century.

I cannot read German but have been told the contents
of your note.

Very truly yours
John Macoun

Hon. Dr. Warnstorf
Neuruppin.

Oct. 4th .

My dear Sir

Your card dated Sep. 15th was duly received and in response to your kind invitation I forward by this mail 33 [illegible] put up in the [illegible] your [illegible]. I obtain duplicates numerous in the same series.

I have many others which I will send later on besides the set of named specimens that I will send for your examination.

I have collected many species of [illegible] but these [illegible] are being worked up by [illegible] Dr. [illegible] of [illegible] [illegible] Prof. [illegible] The [illegible] [illegible] [illegible] [illegible] Those [illegible] [illegible] [illegible] [illegible] species [illegible] have [illegible] [illegible] [illegible] [illegible] [illegible] I have [illegible] in [illegible] [illegible] [illegible] [illegible] that I would [illegible] [illegible] duplicates of some species that are [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

I cannot read German but have been [illegible] [illegible]

Very truly yours

[illegible]

Your [illegible] [illegible]

[illegible] [illegible]

110813

Ottawa Oct. 6th 02

Dear Sir

I shall be glad to assist you [in] every possible way in your work and do not [doubt] but that I can give you all the local names of our Canadian trees, as the staff of [illegible] is hard at work in all parts of the Dominion and collect such data as you desire. You might send me half a dozen forms and will have them filled out by the gentlemen most competent to do so

Yours Truly

John Macoun

[illegible]

Mr. B. E. Fernow

Chief of Forestry Division

Washington

D.C.

No 819

Ottawa Oct. 6th 86

Dear Sir

In reply to your card of the 21st. ult. I beg to say that there is no Catalogue of the plants cultivated in the Botanical Garden here. Prof. Jas. Fletcher Botanist at Experimental Farm Ottawa may however be able to give you what information you require on the subject

Yours truly
John Macoun
Natur.

Mr. Geo. Mantz
Chateau de Bel-Air
Olivet
Loiret
France

No. 815

Oct. 6th

Dear Dr. Britton

Both your letters reached me this morning and I was delighted to learn that you were engaged on such a valuable and much needed work. I assure you your confidence is not misplaced and now when I know what you are doing I may be able to help you in a way I never thought of before. Next season my son and myself will be working in Ontario and might be able to get some desirable specimens for you. Remember our postage is paid by the Government and material sent to you will not cost me anything. Furthermore I can promise you a ready sale for a large number of copies in Canada as we have at last forced the Public School authorities to put botany in a prominent position as a school study. Be sure and mention Canada on the title page, as that fact alone will help the sale here immensely. Depend upon my help in every way and expect me to keep my mouth shut. Ask and you will receive.

Dear Dr. Boulton Oct. 6th

Both your letters reached me this morning and I am delighted to know that you are engaged on such a valuable and much needed work. I assure you your confidence is not misplaced and now that I know what you are doing I may be able to help you in a way I never thought before. [illegible] my son and myself [illegible] working in Ontario and might be able to get some desirable specimens for you. Remember our [illegible] is free [illegible] the Government and [illegible] to you will not cost anything. Furthermore I can procure you a ready sale for a large number of copies in Canada as at least the last [illegible] Public School [illegible] at first [illegible] position in a school [illegible]. [illegible] and mention Canada on the title page, so that [illegible] alone it will help the sale [illegible]. [illegible] upon my help in every way and expect me to [illegible] my [illegible]. [illegible] and you will receive.

2

I have carefully examined the enclosed specimens sheet and can see nothing to correct. Your draw-ings are excellent and exactly to the life. Another important matter is having your descriptions to tally with the figures as the figure does with the plant. As you are aware the difficulty in the past has been to get a specimen to fit the des-cription which in too many cases belonged to a different plant. I was much pleased when Prof. Greene broke out and when I saw you I felt sure a new era had dawned for American botany. Now I know it and will do all I can to help on the good work. I am sorry to say that Cambridge was becoming too conservative even for me who am a supporter of the Tory Government of Canada.

Dr. Kindberg has sent me the list of all the new species with the changes suggested by Müller. I have made the corrections in the proof as far as they refer to it. I thank you very much for publishing

2

I have carefully examined the enclosed specimens but and can see nothing to correct. Your drawings are excellent and exactly to the life. Another important matter is having your description to tally with the figure as the figure does with the plant. As you are aware the difficulty in the past has been to get a specimen to fit the description which in too many cases belonged to a different plant. I was much pleased when Prof. Greene broke out and when I saw you I felt we a new era had dawned for American botany. Now I know it and wish to do all I can to help on the good work. I am sorry to say that Cambridge was becoming too conservative even to me rather am a supporter of the [illegible] [illegible] of [illegible].

Dr. [illegible] has sent me the list of [illegible] the new species with the changes suggested by Britton. I have made the corrections in the figures so far as they refer to it. I thank you very much for publishing

3

these species as some of them may fall into other hands. My health is now first-class and I am busy getting the material ready for the winter's work.

My son has just suggested that I get our carpenter to make a small box that would contain say 100 sheets and keep it for the purpose of sending you our specimens of any order you may be working at.

Wishing you every success in your present and future work, I remain very sincerely yours

J. Thos Macoun

P. S. Anything we have is at your service and next summer I will get you fresh plants of any species in our district.

J. M.

3

these species as some of them may fall into other hands. My health is now first-class and I am busy getting the material ready for the printers north.

My son has just suggested that I get our carpenter to make a small box that would contain say 100 sheets and keep it for the purpose of sending you new specimens of any order you may be working at.

Wishing you every success in your present and future work, I remain

Very sincerely yours

John Macoun

P.S. Everything we have is at your service but must remember I will get you fresh plants of any species in our district.

J.M.

No. 816

Oct. 6th

My dear Mr. Greene

Both your letters have reached me and I have much pleasure in sending Parts I & II of my catalogue. Part V will be distributed in about a month and will be sent to you.

It was no wonder I could make any one species out of the Vancouver Island oaks, Prof. Sargent made it all Q. Garryana and of course I knew no better.

I am very sorry I missed you in British Columbia as I would go far to have a day with you. We made very exhaustive collections this year and have many fine things especially Mimulus of which we collected largely.

During the winter we will be sending these out and hope to get your report on them. I would like very much to get your parcel of specimens as I am with you and Dr. Britton in your attempts at a revision of

Oct. 6th

My dear Mr. Mann

Both your letters have reached me and I have much pleasure in sending Parts I & II of my Catalogue. Part V will be distributed in about a month and will be sent to you.

If men are no wonder I could make any specimens out of the Vancouver Island Oaks. [illegible] made it as Q. Garryana and of course I know no better.

I am very sorry I missed you in Philadelphia. [illegible] as it would go for you to have a day with him. He made many enthusiastic collections this year and have many fine things especially Hieracium [illegible] which we collected lengthy. Observing the insects we will be sending them out and hope to get your report on them. I would like very much to get your [illegible]. I appreciate as I am with you and Dr. Britton in your attempts at a revision of

2

North American Botany and anything I can do to assist you in this will be cheerfully done.

All our publications are sent through our Librarian and in conversation with him this morning he said they would reciprocate if you would send your publications to them. We publish one or two large volumes a year, so that we can send a quantity of printed matter.

Very truly yours
John Macoun

P. S. If you do not care to exchange pay no attention to the above as my publications will be sent by me.
J. M.

Prof. E. Greene
Berkeley
Cala

2

[No]rth American History and anything I can
[d]o to assist you in this will be cheerfully
[d]one.

All our publications are sent through
[o]ur Librarian and in conversation with him
this morning he said they would reciprocate
if you would send your publication to
him. We publish one or two large volumes
a year, so that we can send a quantity
of printed matter.

Very truly yours
John Mason

P.S. If you do not care to exchange pay
no attention to the above as my publications
will be sent by me. J. M.

... Greene
...burg Pa.

No. 719

Ottawa Oct. 9th 90

Mr. W. H. Cathcart
Elyria. Ohio
Dear Sir

Had you written to me last winter about the Catalogue of Canadian Plants I could and would have sent the 4 parts then published to you. They were then distributed free, but the demand for them was so great that a nominal price of 25¢ per part of about 200 pages is now charged and they can be had only from Dr. Thorburn the Librarian of this Department, from whom the Geol. Survey Reports are also to be procured. I have not come across specimens of P. calcarea and C. [illegible] yet but will not fail to send them to you when I

Yours truly
Jas. M. Macoun

D

No. 17

Oberlin Oct. 9th 90

Mr. W. H. Cathcart
Elyria. Ohio
Dear Sir
Has your conscience [illegible]
Catalogues & Commencement [illegible]
[illegible]

Geo. W. [illegible]

No 820

Oct. 3rd

My dear Sir

Your letter of Sep. 25th reached me in due time as well as the specimen of Equisetum arvense. I have never seen anything like it before and take it on credit for the present. Thanks for the map of your parish which seems to be a fairly extensive one.

I have read the extract about the "Thistle Plant" of Labrador. The letter is false as regards Labrador and the growth of the vegetables in the north of latter in winter at any rate. He may refer to what has been called "Artichokes" here. I mean the plant named Helianthus tuberosus but it is not native even as far north as here. I think he means the species mentioned.

I had a very successful summer and have made many discoveries. My species of mosses new to science amount now to 174 species. I am glad you are getting your Cryptogams named. After you get a lot named send me a good specimen of each and I will send you good specimens of

No 920

Oct. 9th

My dear Sir

Your Letter of Sept. 23rd reached me in due time as soon as the specimens of [illegible] I have never seen anything like it before and take it on credit for the present. Thanks for the copy of your friend's article [illegible] a [illegible] on. I have read the article about the "[illegible] of [illegible]." The letter is false as regards [illegible] and the growth of the vegetable in the month of [illegible] in winter at any rate. He may refer to what has been called "[illegible]" &c. I mean the plant but it is not native [illegible] as far north as here. I think he means the species [illegible].

I had a very successful season and have made many [illegible]. My specimens of names new to science amount now to 174 species. I am glad you are getting your [illegible] named. After you get a set named send me a good specimen of each and I will send you good specimens of

2

species in return, but please send me no scraps as they are useless for any purpose. When you get your mosses and liverworts named make out a list of them with localities as I am going to publish Part VI this winter. Part V is still in the binders hands.

Please send the specimens loose in the paper. One in each sheet and a ticket with locality, date, and any remarks you may have. Always keep a duplicate of what you send with the same number on it. Remember Mr. Britton, Mr. Underwood and Mr. Eckfeldt will keep what you send as that is the rule when plants are sent to be named.

Very truly yours
John Macoun

Rev. Arthur Waghorne
New Harbour
Newfoundland

species in existence. But please send me the people as they are useless for any purpose. When you get some names and locality record make out a list of them with localities as I am going to publish Part VI this winter. Part V is with the the binders hands.

Please send the specimens here on the paper. One on each sheet and a label with locality, date, and any remarks you may make. Though but a duplicate of what you send with the same number on it. Remember Mr. Baxter, Mr. Buchanan and Mr. Goldfish will keep what you send as that is the rule where plants are sent to be named.

Very truly yours
Alfred Macoun

Rev. Arthur Waghorne
near Harbor
Newfoundland

No. 821

Oct. 8th

My dear Mr. White

Your letter of Sep. 15th has been here some time but I did not reach it until today.

You are quite right in making No 1 a Myosotis and near versicolor. I make it M. collina Hoffm. and new in ours to Canada and very likely an introduction from England where it is common. M. collina differs from M. versicolor in being always branched from the base, in having blue flowers, and in having the calyx open in fruit. Nutlets turgid and brown and scarcely bordered. In Versicolor they are black and bordered.

I make No. 2 Lychnis vespertina as you did. I keep the specimens as I suppose you intended I should.

Very truly yours
John Macoun

James White Esq.
Edmonton P.O.
Peel Co.
Ont.

No. [illegible]

My dear Mr. White Oct. 9th

Your letter of Sep. 15th has been here some time but I did not reach it until today.

You are quite right in marking No. 1 a Myxostoma and some description. I make it M. [illegible] Lesueur, and known [illegible] of Canada and very likely [illegible] from England [illegible]. M. [illegible] differs from M. [illegible] in being sharp [illegible] from the fins, in having [illegible], and in having [illegible] [illegible]. [illegible] and [illegible] and nearly [illegible]. In [illegible] they are [illegible] and [illegible].

I [illegible] No. 2 [illegible] as your No. 3 [illegible] the specimens as I suppose you intended I should.

Very Truly Yours
[illegible]

James White Esq.
Edmonton P.O.
Peel Co.
Ont.

60822

Oct. 10th

My dear Madam:

I duly received your note of the first inst. but have no specimens of Pottia littoralis in my collection. Thanks for the specimens of A. serrata so kindly sent. I do not collect it.

Your note of 9th inst. was read with much interest and now [illegible] I understand the whole matter I can see why Barnes became amiable. Dr. Britton is decidedly right in desiring you to work up the mosses alone. Too often partnerships are very unsatisfactory and I dislike them. You are sure of success as you have youth and time ahead of you. Do not hurry but keep pegging away. You cannot conceive how glad I am that you and Dr. Britton have entered on these works. I was afraid that in my day nothing of this character would be done and I felt that little advance had been made by those who should have done it and I had almost lost hope. A change has come over my spirit

Oct. 10

My dear Madam

I duly received your note of the first inst. but have no specimens of Pottia littoralis in my collection. Thanks for the specimen of [illegible] so kindly sent. I do not collect it.

Your note of the [illegible] inst. was read with [illegible] interest [illegible] the whole matter — I can see why [illegible] became annoyed. Dr. [illegible] is decidedly right in denying you to work up the mosses alone. Too often partnerships are very unsatisfactory and I dislike them. [illegible] as you have youth and time ahead of you. Do not fancy that life is slipping away. You cannot imagine how glad I am that you and Dr. Britton have entered on these works. I was afraid that in my day nothing of this character would be done and I felt that little advance had been made [illegible] either should have done it and I had almost lost hope. A change has come over my spirit

2

and I feel almost a prophet.

I have carefully gone over the genus and species of Bryoziphium and like your system? very much. If you treat every genus and species the same way I call that a system. I believe every species should be described in the same way so that a tyro could locate the species in the genus by a very few general characters. In my opinion there should be in every case a statement made of how the species under discussion differs from its nearest allies. Barnes keys are very good in some cases but a tyro will fail in large genera as some of the characters given are not easily found.

In answer to your statement that it does not matter how Centuria v is arranged I will send you the first fifty specimens next week. I think Austin made No. 68 Desmatodon latifolius var. glacialis. You will see my specimens in his herbarium.

I cannot tell why Lindberg changed Grimmia Coscinodontoides to G. chlorotheca but the number 415 has never been sent only to you so that no person knows

2

And I feel almost a prophet.

I have carefully gone over the genus and species of Bryophyllum and like your system very much. If you treat every genus and species the same way I can call it a system. I believe every species should be described in the same way so that a tyro could locate the species in the genus by a survey of your general characters. In my opinion there should be in every case a statement made of how the species under discussion differs from its nearest allies. Pearson keeps one a very good one in some cases but a tyro will find in large genera so many of the characters given are not easily found.

I'm anxious to see statement that it has not [illegible] Cantley v is arranging I will send you the first fifty specimens next week. I think [illegible] made No. 13 [illegible] the [illegible]. You will see my specimens in his herbarium. I cannot tell [illegible] changed [illegible] [illegible] to B. [illegible] but the [illegible] [illegible] been used only to [illegible] as that [illegible] genus [illegible]

3

of the change except ourselves. I will change the ticket before issuing the Century.

I have neither A. crispum nor Mnium multicapsulare nor Phascum crispum. I have only collected Ephemerum serratum and that perhaps only the variety.

G. brevi(carpa) pilifera (No 236) becomes heterophylla; (No 237) is G. brachycarpa becomes Saccocalyx. My specimens of G. densa are at home I will send one in my next.

Please note the two species of Heterocladium I sent. I thought when collecting they were the same One is a new species of K. & C. M.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

3

of the charge except [illegible]. I will charge the
ticket before receiving the Century.

I have [illegible] C. [illegible] var. [illegible]
var. [illegible]. I have only collected [illegible]
[illegible] and these perhaps only [illegible]

E. [illegible] (No 2.36) [illegible] (No 2.37) is E.
[illegible] My specimen of
[illegible] at home I will send one in my next.

Please note the two species of [illegible]
I sent. I thought when collecting they were the same
One is a new species of [illegible] & C.M.

Very truly yours
[illegible] Marcus

Mr. T. C. Porter
Lafayette College
Easton Pa.

13th Oct. 8

Dear Mr. Small

I referred your note of today and Mr. Blacklock's letter with Mr. Small's endorsation to Dr. Selwyn this afternoon and he desires me to say that if Mr. Blacklock through Mr. Small applies to him his communication will be attended to.

As you are aware <u>I have no power</u> in this matter and have to purchase copies of my own reports to send to Botanists who the authorities think are not worthy to get a free copy.

I have the honor to be
Sir
Your obedient servant
John Macoun
Naturalist &c.

H. B. Small Esq.
Secretary
Dept. of Agriculture
Ottawa

13th Oct.

Dear Mr. Lowe

I received your note of today and Mr. Blackadder's letter with Mr. Lowe's endorsement to Dr. Dawson this afternoon and he desires me to say that if Mr. Blackadder through Mr. Lowe applies to him his communication will be attended to.

As you are aware I have no power in this matter and have to purchase copies of my own reports to send to Dartmouth when the authorities think we had nothing to get a few copies.

I have the honor to be
Sir your
obedient servant
John Macoun
Naturalist &c.

J. Lowe Esq.
Secretary
Dept. of Agriculture
Ottawa

No. 824

Oct. 14th

My dear Madam

Your letter enclosing the one from Dr. Britton came this P.M. I am pleased with them both. There is no reason why Dr. Britton's scheme cannot be carried out. We have talked of it here and indeed may do it in the summer of 1892. Please tell Dr. Britton to send me his scheme and I will lay it before Dr. Selwyn and hear what he says. One of our Geologists asked me only on Saturday if I would not join him in 1892. If Dr. Britton desires to go next year I think I can fix it before spring. I want something to lay before Dr. Selwyn not as regards money but the advantages to us from a botanical and general Natural History standpoint. I will back it up and will succeed without much doubt. We intend to do it sooner or later.

I thought the two Heterocladiums were one, now I believe that it is just possible the two are H. procurrens. The latter is not in Drummond's Mosses

No. 824

My dear Madam Oct. 14th

Your letter enclosing the one from Dr. Britton came this P.M. I am pleased with them both. There is no reason why Dr. Britton's scheme cannot be carried out. We have talked of it here and indeed may do it in the summer of 1892. Please ask Dr. Britton to send me his scheme and I will lay it before Dr. Selwyn and hear what he says. One of our Zoologists asked me only on Saturday if I would not join him in 1892. If Dr. Britton desires to go next year I think I can fix it before spring. I want something to lay before Dr. Selwyn not as regards money but its advantage to us from a botanical and general Natural History standpoint. I will look it up and <u>will succeed</u> without much doubt. We intend to do it some later.

I thought the two [illegible] were one — I believe that it is quite possible the two are one [illegible]. The latter is not in (Cunningham's?) Manual

2

Mitten does not say so, only that Drummond collected it.

Since I wrote last I have had a letter from Kindberg with descriptions of six new Dicranums different from those already published. The new species are D. undulifolium, subpalustre, leucobasis, plano-alare, conpactiforme & crispulum. These six are by Kindberg & C. Muller.

During the past season I collected over 100 species I had not seen before so you see there is much to be done yet.

Last winter I had twelve plates of drawings of Dicranums for Renauld's paper ~~struck~~ lithographed and 2500 copies of each struck off. This paper will be distributed in a few days and you will see the plates. Renauld made the drawings. As you are aware there are many good species of mosses among those named by K. & M. Now if you could see your way to draw a number of plates illustrating few or many of these species

2

Nation does not say so, only that Government collected it.

Since I wrote last I have had a letter from Friedberg with descriptions of six new Cicindelidae different from those already published. The new species are C. [illegible], [illegible], [illegible] & [illegible]. These six are by Friedberg & C. Mueller.

Among the past summer I collected over 100 species I had not seen before, so you see there is much to be done yet.

Last month I had twelve plates of drawings of Coleoptera for Benson's paper lithographed and 2500 copies of each struck off. This paper will be distributed in a few days and you will see the plates. Benson made the drawings.

As you are aware there are many good species among those named by H. & M. Now would you be ready to draw a number of plates illustrating ... as many of these species

3

I would have them engraved and 2500 copies struck off for ourselves and as many for you as you desired at the cost of the paper. Our 2500 copies just cost for the whole work $25 or one cent apiece. I mention this now as you may want to figure these same species later on at your own expense, whereas we will be glad to do it at ours for Part VI of my Catalogue.

Besides the new species I have found I have added a number of others to the North American Moss Flora — Dicranum [illegible], Hypnum [illegible] H. Heufleri, Bryum Blindii, Amblystegium affine, Barbula nitidum. I have also Brachythecium turgidum C. Hartm., and Hypnum turgescens. It seems Mnium lycopodioides is not that species but a new one named pseudo-lycopodioides and Dicranum Schraderi = Bergeri Orthotrichum strangulatum = Braunii. I have a little at least 20 new species to be named so that I may have 200 new species in all.

Very truly yours
John Macoun

N. L. Britton
Col. College N. Y.

2

would have been engraved and 250 copies

struck off for conchologists and as many for your

you desired at the cost of the plates. And

copies print cost for the whole work $25 or

each species. I mention this now as you may

to figure these new species later on at your

expense, otherwise we will be glad to do it at

for Part VII of my Catalogue.

Besides the new species I have found I

have added a number of others to the South American

[illegible] — [illegible] [illegible], [illegible] [illegible]

[illegible], [illegible] [illegible], [illegible] affinis.

[illegible] [illegible]. I have also [illegible] [illegible]

[illegible], and [illegible] [illegible]. It seems [illegible]

[illegible] is not that species but a new one named

[illegible] and [illegible] [illegible] = [illegible]

[illegible] [illegible] = [illegible]. I have [illegible]

about 30 new species to be named so that I may have

new species in all. Very truly yours

[illegible]

P.S.

No. 925

Oct 20th 0

My dear Sir

Your letter of the 10th inst. came today and with this I forward the list of specimens sent which I had made out some time since.

I kept none of the specimens but threw them in the waste basket as they were generally very poor and badly made. They were all common species, however.

I have mislaid the letter that accompanied the specimens but suppose there was nothing in it of importance.

I supposed you were going to collect some specimens for our herbarium the past season but I suppose that was not in the programme.

Our collections of the past season were simply immense.

Very truly yours
John Macoun

Mr. T. L. Walker
Chemist
Sudbury
Ont.

No. 925

My dear Sir   Oct 26th

Your letter of the 19th inst. came today and with this I forward the list of specimens but which I had made out some days since. I kept none of the specimens, as they were [but threw them away [illegible]] generally very poor and badly made. They were all common species however.

I have mislaid the letter that accompanied the specimens but suppose there was nothing in it of importance.

I supposed you were going to collect some specimens for our herbarium this past season but I suppose that was not in the programme. Our collection of the past season was simply immense.

Very truly yours
John Macoun

Mr. J. A. Collins
Chemist
Sudbury
Ont.

List of Mr. Walker's Cryptogams collected at Sudbury 1890

1 Ceratodon purpureus
2 Dicranella heteromalla
3 Webera nutans
4 Leucobryum glaucum
5 Dicranum fuscescens
6 Cladonia pyxidata
7 " gracilis var. hybrida
8 Polyporus hirsutus
9 Umbilicaria pustulata
10 Parmelia saxatilis
11 Lecidea —? Poor sp.
12
13 = 1
14 Cladonia fimbriata
15 Aulacomnium palustre
16 Hypnum uncinatum
17 Peltigera canina 17a Lecidea —?
18 ~~= 10~~ = 41
19 Cetraria juniperina var. pinastri
20 = 17
21 Bryum caespiticium
22 " intermedium
23 = 1
24 Clavaria Poor spec.
25 = 5
26 = 6
27 Lecanora = pallescens (on rock)
28 28a A poor specimen of lichen
29 Pylaisaea polyantha
30 Funaria hygrometrica
31 = 5
32 Dicranum scoparium
33 = 7
34 Parmelia physodes
35 Lecanora subfusca
36 Hypnum cuspidatum
37 Peltigera aphthosa
38 = 1 B. a Fungus
39 Mycelium
40 Lentinus Lecontei
41 Pertusaria pustulata
42
43 Polyporus cinnabarinus
44 Hypoxylon multiforme ?
45 = 6
46 Sphagnum cymbifolium
47 Cetraria Islandica

List of Wm. Walker's [illegible]

[illegible] 1880

48 ~~No specimens in the paper~~ = Eriocaulon septangulare
49 Polyporus hirsutus
50
51
52
53 Lycoperdon pyriforme
54
55 Nuphar Kalmiana
56 Limnanthemum lacunosum
57 Lecanora pallescens
58 Biatora rubella
59 Clavaria fusiformis
60 Fungus Old pore
61 Biatora decolorans ?
62 Tremella aurantia
63 Neckera pennata
64 Mnium spinulosum
65
66
67 Ramalina calicaris
68 Fontinalis antipyretica
69 Bryum Ontariense Kindberg n. sp.
70 Plagiothecium elegans
71 Sphagnum acutifolium
72 Bartramia pomiformis
73 Tetraplodon mnioides

No number

Cladonia cristatella
" deformis
" rangiferina
Sphagnum acutifolium pl. in fruit
Usnea barbata var. hirta

No. 826

Oct. 20th

Dear Dr. Trelease

As you are aware my son and myself were collecting on the Columbia the past season. We have been home some time and today we have put up and now send samples of all the various forms of Epilobium and [illegible] collected the past season.

You would oblige me very much if you have the others examined if you could send me the mounted specimens and the names of the various specimens sent at your earliest convenience.

Should you be working at any other genus or order we will send down what material we have if you desire to have it. I have not forgotten the set of Carices you will get it complete before spring.

Very truly yours

John Macoun

No 236

Oct 23rd

Dear Mr Nelson

As you are aware my son and myself were contracting on the Colorado River the past season. We have been there some time and today we have just up and come down [illegible] all the various forms of Explorations and [illegible] collected the past season.

You would oblige me very much if you have the other [illegible] of you could send me the [illegible] specimens and the names of the various specimens sent at your earliest convenience.

Would you be willing at any [illegible] [illegible] what [illegible] to make me [illegible] I have not [illegible] if you have it [illegible] get it [illegible] before the end of [illegible] your [illegible] reply.

Very truly yours

John Macoun

[illegible]27

Ottawa Oct. 20th 90

Dear Sir

Your letter and the check list have [illegible] been received. On looking over your Desiderata I find that while I shall by no means be able to send you all that you have marked there will be a good many of them that we have good specimens of. [illegible] I tell you that for seven years I have been [illegible] [illegible] to [illegible], [illegible] etc — [illegible] [illegible] [illegible] to [illegible] are [illegible] [illegible] — and have only been able to work one [illegible] [illegible] to the end of the [illegible] you will [illegible] that [illegible] [illegible] [illegible] [illegible] time to go through them and [illegible] [illegible] [illegible] have been getting out specimens for [illegible] [illegible] I have been getting out specimens for all [illegible] at one time but I shall this winter [illegible] [illegible] and get out specimens for [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible], Martindale, [illegible] for specimens, [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] want [illegible] you to [illegible] their own collection [illegible]

and all are carefully mounted. It happens that I have
made a specialty in my collecting of the very genera
you specially name, have for many years collected Willows
for Bebb (I have at least 100 specimens of his own determinations
collected this year in the Rocky Mts) Carex for Bailey and
Grasses for Vasey and Scribner. These I cannot take
[illegible] for a long time as I have much else
to work for a long [illegible]
work to attend to. Within two weeks however you may
expect to receive from me your Duplicates to the end
of Compositae. Your list I will return in a day or two.
We have a very extensive collection of European plants
as we receive specimens from Kew and the British Museum
every year and exchange with European collectors. Since
on whole not care for any European plants I take it for granted
you mention Adirondack plants in them as is very
that you are specially interested in them I have my brother
father [illegible] John Macoun who would I have my brother
to furnish you with any information you would desire on
this museum in Canada. Have you his Catalogue of Can.

[illegible]

Yours Truly

Jas. M. [illegible]

[illegible]

N. Y.

[illegible]

Oct. 20th

My dear Mr. Reazin

Your letter of 16th inst. came in due time. The specimen was Campanula rotundifolia (The Scotch Hare Bell) It ranges across the continent

Many and many a time I have thought of our trip to the [illegible] Lake and our huddle that evening when Joseph Gilmour was skinning the birds. For twelve years I have been away every summer but hope to stay in Ontario next year. If I should be in this province I will go and spend a few days with you as I will be going up and down the country collecting all kinds of things.

There is no botanical series equal to Gray's at present. My Catalogue of Canadian Plants taken in connection with Gray's Botany will enable any person to make out any Ontario plant. I cannot tell you what is the best works on Canadian Geology and Mineralogy but Dawson's Lecture notes on these subjects will cover the ground. Prof. Chapman has also a new book on the same subject.

My dear Mr. Cragin

Oct. 20th

Your letter of 14th inst. came in due time. The specimens were [illegible] (The [illegible] Stone [illegible]) [illegible] across the continent [illegible] and [illegible] a [illegible]. I have thought of a trip to the [illegible] and [illegible] that [illegible] [illegible] [illegible] the birds. For [illegible] years I have been [illegible] [illegible] to [illegible] the [illegible] next year. If I should be in the [illegible] I will go and spend a few days with you as I will be going up and down the country collecting all kinds of things.

There is an [illegible] [illegible] [illegible] at present. My [illegible] of [illegible] [illegible] [illegible] with [illegible] [illegible] not [illegible] any [illegible] to [illegible] [illegible] [illegible] [illegible]. I cannot tell you what is the best work on [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible] on these subjects will [illegible] the ground. Prof. [illegible] has also a new work on the same subject.

2

I send the four parts of my Catalogue that are published. They are sold at twentyfive cents per part by our Librarian but I have no pecuniary interest in them. One of the parts has been used a little but you will excuse that as I have no copies to give away.

Our family are all grown up. Three are married. My eldest son is my herbarium curator and general assistant, the youngest is on the Experimental Farm and my youngest daughter is still at home.

Mrs. Macoun is still quite young looking and I am as spry as when I went with you 22 years ago.

With kind regards to all
I remain truly yours
John Macoun

Henry Rogers B.A.
Linden Valley P.O.
Victoria Co
Ont.

2

I send the four parts of my Catalogue that are published. They are noted (?) as [illegible] but few paid (?) by our Librarian but I have no remaining copies in stores. One of the parts has been much [illegible] a little but you will excuse that as I have no copies to give away.

Our family are all grown up. Three are married. My eldest son is my [illegible] and general assistant, the youngest is in the Experimental Farm service and my youngest daughter is still at home.

Mrs. Macoun is still quite young looking and I am as fresh as when I was with you 12 years ago.

With kind regards to all (?)

I remain truly yours
John Macoun

[illegible] B.C.
[illegible] Valley B.C.
Victoria B.C.
Canada

No 329

Oct. 21st 0

Dear Doctor Vasey

Today I received the cheque for $32 for the four Centuries of mosses for which receive my thanks.

Yesterday I had the pleasure of receiving your latest pamphlet – The Grasses of the Southwest I am delighted with it and only wish we had the same done for the Grasses of the North West. Our mountains are the home of the Poas and many other fine pasture grasses but they are so difficult of separation that I can hardly tell them apart. Figures will decide and these only. The value of the work now issued can only be fully appreciated by workers in the Southwest but we in the north can yearn for the time when you will do as much for us.

In a few days I will be through

Oct. 29th

Dear Doctor Gray

Today I received the cheque for $82. for the four Centuries of Grasses for which receive my thanks.

Yesterday I had the pleasure of receiving your latest pamphlet – The Genera of the Southern I am delighted with it and only wish we had the same done for the Grasses of the North West.

Our examinations on the base of the Pine and many other fine [illegible] but they are so difficult separated that I can hardly tell them apart. Hope will decide and then only. The value of the work now issued can only be fully appreciated by workers in the Southern Grasses that are in the north as we are for the time when you did so much for me.

In a few days I will be through

2

with my mosses and will then take up the grasses and the Junci and forward both to you. My son will continue sending speci-mens from our duplicates until you get the whole series.

Century V and part of VI will be distributed this winter but it will be some time before I can turn to do it.

With best wishes for your welfare
I remain truly yours
John Macoun

Dr George Vasey
Dept. of Agriculture
Washington D.C.

2

with my Grasses and send them both of the
Grasses and the [illegible] and [illegible] both to
you. They are not [illegible] [illegible] spe-
-cimens [illegible] [illegible] [illegible] you get the
[illegible] [illegible].

[illegible] & and [illegible] of [illegible] will be
distributed this winter but it will be some
time before I can [illegible] it as yet.

With best wishes for your [illegible]

I remain truly yours
John Macoun

Dr. Geo. Vasey
Dept. of Agriculture
Washington D.C.

Oct. 21st

My dear Sir

Your note of a few days since has been received. In answer to the request for Part V containing the Ferns and the Addenda I can only say that it has been in the binders hands for two months but when we will have it for distribution is very uncertain.

As soon as possible after we receive it I will send you a copy. I am much obliged for your kind wishes and hope my health will permit me to finish Part VI (Mosses & Hepatics) this winter.

Very truly yours
John Macoun

Rev. John Morrison
Mandaumin P.O.
Lambton Co.
Ont.

Oct. 29th

My dear Sir

Your note of a few days since has been received. In answer to the request for Part V containing the [illegible] and the [illegible] I can only say that it has been in the printer's hands for some months but when we will have it for distribution is very uncertain.

As soon as practicable after we issue it I will send you a copy. I am much obliged for your kind notice and hope my health will permit me to finish Part VI (Moses & Joshua) this winter.

Very truly yours
John [illegible]

Rev. John [illegible]
Manchester P.O.
Lambton Co.
Ont.

No 837

Oct. 22nd

My dear Sir,

Some time since I received No XVII of your Contributions to American Botany and now tender my tardy thanks for your kind remembrance. I notice that you describe in part the new Raffia I found last year. I also described it in part in Part V as P. canadensis but this is still in the printer's hands. You do not mention the Arabis which I thought was remarkable. I believe it to be new also.

We gathered many fine things the past summer in the British Columbia Mountains. Many of these are new to our flora and some may be new to science. As soon as my son gets through the Polypetalae we will send you those that are doubtful and others not hitherto sent to your herbarium. I have often wondered whether you ever distributed any species from Harvard. We get specimens from everywhere else but none from you.

Oct 22nd

My dear Sir

I have [illegible] kindly [illegible] received copy of your Contribution to Canadian Botany and beg tender my hearty thanks for your kind remembrance. I notice that you describe in part the new [illegible] I found last year. I also described it in part in Part V as O. [illegible] but this is still in the printer's hands. You do not mention the [illegible] which I thought was Canadian. I believe it to be [illegible] also.

We gathered many fine things the past summer in the British Columbian mountains, [illegible] some are new to one place and some may be new to science. As soon as my son gets through the Polypodiaceae we will send you those that are doubtful and others not hitherto sent to you. [illegible] I have often wondered whether you have distributed any specimens from [illegible]. The first specimens from anywhere else but from you.

2

I am not asking for an exchange but you may have species to distribute not in our Herbarium.

There are many new species of mosses in Canada yet to be collected and described. Kindberg & C. Müller have been at work on my collections the past summer and have worked out 171 species new to science. Prof. Barnes seems to think these of little account but he will open his eyes wide when he sees the descriptions and I hope in many cases the figures. When all are examined there will be fifty more additions to Lesq. & James Manual as I have over 25 new to America though not to science.

With best wishes
I remain very truly yours
John Macoun

Sereno Watson Esq.
Cambridge
Mass.

2

I am most anxious for an exchange but you may have [illegible] in one Nucleocrinus.

There are many new species of those in Devonian yet to be described and the [illegible]. Hinkley & C. Wachsmuth have been at work on my collections the past summer and have worked out 171 species new to [illegible] [illegible] the Chicago [illegible] of [illegible] but he will give his ages [illegible] where he sees the [illegible] and I hope in [illegible] [illegible] the [illegible]. [illegible] all are [illegible] [illegible] not the [illegible] [illegible]. I [illegible] a [illegible] [illegible] as I have one [illegible] & [illegible] through and [illegible].

With best wishes

I remain very truly yours

[illegible]

[illegible] Hagen Esq.

Cambridge

Mass.

Oct. 20th

My dear Sir,

Owing to one delay or another I have been unable to get off the mosses [illegible] today. I send as many as I have printed tickets for. You will see the last number is 471. I have material for another hundred but cannot get time to put them in shape.

The parcel is short in the following numbers 112, 115, 134, 141, 144, 155, 180, 188, 236, 453. Of these I will send later on 112, 115, 134, 155 & 453, the others I am afraid are exhausted. I will send the tickets now and write on the packet what is necessary. No 23 was [illegible] aquarum not Bryum pseudotriquetrum. Pogonatum capillare was a mistake of Lindberg's it was corrected last year but I forgot to have a new ticket showing the correction. The specimens sent is P. [illegible].

Oct. 20th

My dear Sir,

Owing to our delay in printing I have been unable to get off the memoir until today. I send as many as I have printed which you will see the last paragraph is 271. I have material for another hundred but cannot get time to put them in shape.

The fauna is about in the following numbers 112, 115, 131, 144, 149, 156; 180, 188, 236, & 63. Of these I will send later on 112, 115, 149, 156 & 63. The others I am afraid are exhausted. I will send [illegible] never and with out the fruit which is necessary. No. 28 was [illegible] not Bryum but Leptodontium. Pogonatum capillare was a mistake of Lindberg's it was corrected last year but I forgot to have a new ticket showing the correction. The specimens sent is P. [illegible]

No 832

2

Quite a number of the old species will have their names changed as they were thought to represent European species but careful examination show them to be distinct. Bryum roseum becomes B. Ontariense and Mnium lycopodioides becomes Mn. pseudo-lycopodioides; Dicranum Schraderi becomes D. Bergeri and there will be other changes. Some of the species sent may have their names changed, but whatever changes are made I will mention them in the Catalogue this winter and furnish a copy to each subscriber.

I am working hard and as soon as I can get Kentucky & complete I will send you the balance, in the meantime let the money stand until you get the missing numbers and the balance of No V.

There are a few species which I send on top of the parcel which may be interesting to you. I will send others later on. If you find any mistakes please let me know — or any other deficiencies.

Very truly yours,
John Macoun

Rev. C. H. Demetrio
Emma, Saline Co. Mo.

2

Quite a number of the old species will have their names changed as they are thought to represent European species but I expect examining these they will be distinct. [illegible] [illegible] becomes [illegible] [illegible] and [illegible] [illegible] becomes [illegible] [illegible]. [illegible] [illegible] becomes [illegible] and there will be other changes. Some of the species must may have their names changed but whatever changes are made I will mention them in the Catalogue that I [illegible] and forward a copy to each subscriber.

I am working hard and as soon as I can get Geometry & Bombycidae I will send you the balance, in the meantime let the money stand until you get the missing number and the balance of the [illegible].

[illegible] are a few species which I [illegible] on top of the parcel which may be interesting to you. I will send others later on. If you find any mistakes please let me know — any other information.

Very truly yours
[illegible]

Rev. [illegible]
[illegible]

No 833

Oct. 22nd

My dear Madam

Your card of the 15th inst. with Warnstorf's opinion of No. 11 Canadian Musci was received. I am becoming very fast a rare German Philosopher. There is nothing real and all our old ideas must go to the winds. Of course I accept his name as I am becoming slowly of opinion that very few of our species of any order are identical with those of Europe. My specimens have held since 1865. Austin, Braithwaite and Lesquereux all said S. Wulfianum now we must give it up. Where is it all going to end?

Recognising Warnstorf's ability I sent a lot of Sphagna to him and have another lot ready. I sent 33 packets and will send as many more after I hear from him.

I am glad you will look into the matter of illustrating some of the mosses. I do hope the lady you mention may be able to take the matter up.

No [illegible]

Oct. 22nd

My dear Madam

Your card of the 14th inst. with [illegible] specimen of [illegible] Canadian [illegible] was received. I am learning very fast a new [illegible] Philosophy. There is nothing left and all our old ideas must go to the winds. Of course I accept the same as I am learning plenty of opinion that may few of our species of any order are [illegible] [illegible] my opinions have held since 1865. [illegible] and [illegible] at [illegible] [illegible] must [illegible] it up. What is it all going to end?

Respecting [illegible] [illegible] I [illegible] a lot of [illegible] [illegible] and [illegible] 53 specimens and [illegible] as many more [illegible]. [illegible]

Yours [illegible]

I am glad you [illegible] [illegible] illustrating some of the [illegible]. I hope [illegible] your [illegible] may be able to take the [illegible].

From what you say of the ability of the young lady I am in hopes that you may put her to do the drawing and if so we will have the start of some of our friends. I see by the Bulletin the extended scope of your work and can hardly expect you to take up any of the writers names. We will let that stand however until we see what can be done in a general sense.

I have collected many specimens of Hysterium obtusifolium and most of them are like 16a and 16c. No 16b is very like H. arctium and indeed by your description I take it to be that. I have a new species H. pseudo-arctium but it is unlike your specimens. I send the only form of H. obtusifolium gathered this season. I send also my mounted specimens of Lirellina related to L. obtusifolium so that you may have a number to compare your specimens with. Please send them back to compare your specimens with. Please send them back when you are through with them or in the box that

3

Dr. Britton is sending. The specimens from the east have none been seen by Dr. Kindberg.

I send down by this mail 28 specimens of Century V. Some of the names may be changed yet. Send no money until you get the balance of the Century. Please do not notice them in the Bulletin until the Century is complete. As soon as you decide to have any species drawn I will send you another specimen other than one you have now and have to use.

If you are anxious for them I will send down the balance of Century V without labels so that you may see the specimens early and pass an opinion on them.

Very truly yours
John Macoun

Mr. N. L. Britton
Columbia College
New York

Oct. 27th

Dear Mr. Britton

I received your three notes this morning as I was absent on Saturday. Regarding that of the 25th inst. I now send all my specimens of Trichostomum and as you will see D. rigidulum from the west coast as well as from Owen Sound. If my Lake Superior specimen of D. leptocarpum was named that at first by Austin he changed it afterwards to C. Drummondii. He was a long time about it.

When I wrote down the 71 specimens of Century V I did it hurriedly and just as they were last winter. You struck two points however which I will now correct. No 436 C. Drummondii was changed last summer and is now Entodon (Cylindrothecium) Macounii C. Müll & Kindb. No 423 is exactly my specimen of 1865 and has been confirmed as a new species by C. Müller. I made my specimens D. asperula but Austin changed them to D. hirtella and Kindberg made it a new species. I cannot speak decidedly about No. 439 but would like you to compare it with No. 435 if they are the same

Oct. 27th

Dear Mr. Britton

I received your three notes this morning as
I was absent on Saturday. Regarding that of the 23rd
inst. I now send all my specimens of [illegible]
and as you ask me C. [illegible] from the east coast
as well as from Queen [illegible] Island. Of my [illegible]
specimens of [illegible] were named [illegible] by [illegible]
he changed it afterwards to C. [illegible]. He also [illegible]
him about it.

When I sent down the 71 specimens of [illegible]
I did it [illegible] and just as they were last month.
You [illegible] two [illegible] which I had now [illegible]
No. 436 C. [illegible] was changed last summer and
is now – [illegible] ([illegible]) [illegible] C. [illegible] &
[illegible]. No. 433 is exactly my specimen of 1885 and has
been confirmed as a new species by C. [illegible]. I made
my specimens [illegible] but [illegible] changed them to
[illegible] and finally made it a new species.
I cannot speak decidedly about No. 433 but would like
you to compare it with No. 135 of [illegible] as the same

2

and 438 back. No 469 has the wrong number name.
I now send the ticket - it is Platygyrium repens.
I am not satisfied with No 463 but give Kindberg's
name I think he is wrong. I obtained a fine lot of
Dicranum albicans in fruit this year I send a
specimen from the Selkirk Mountains. No 412 D. obscurum
has been changed to D. microsporum Kindb. No 435 and
No 437 are both wrong. Kindberg and Muller changed them
this year. I will write you fuller about these in the
morning when I see the folded specimens.

By your letter you refer me to Leiberg's
specimens. You may think I have them but I suspect
they are in the box Dr. Britton is to send. If you sent
them they never reached here. I think there is no
doubt of H. turgescens.

I wish no changes published until
the final revision next spring but you may pass your
opinion on the following of the Canadian Musci
252 Leskea nigrescens = Anomodon heteroideus. Kindb.
285 = B. pseudo-albicans Kindb.

and 483 both. No 489 has the wrong [illegible] name.
I never [illegible] the [illegible] in Platypoecilus maculatus.
I am not satisfied with No 483 but [illegible] Hindley's
name I think he is wrong. I [illegible] a few [illegible]
[illegible] [illegible] in [illegible] this year I [illegible]
specimens from the [illegible] [illegible]. No 455 [illegible]
has been changed to [illegible] [illegible]. No 485 and
No 457 are both wrong. Hindley and Mueller changed them
this year. I will write you further about them in the
morning when I see the [illegible] specimens.

As you [illegible] refer me to [illegible]
specimens. You may think I have them but I [illegible]
they are in the [illegible] Dr. [illegible] is [illegible]. If you want
them they [illegible] [illegible] [illegible]. I think there is no
doubt of H. [illegible].

I wish no changes [illegible] until
the [illegible] [illegible] [illegible] you may [illegible]
opinion on the following of the [illegible] [illegible]
252 [illegible] [illegible] = [illegible] [illegible], Hindle
285 = G. [illegible] [illegible] Hindle.

3

287 = B. platycladum C. Mull. & Kindb.
231 ~~[illegible]~~ = P. distichus
Heterocladium homoeopterum is probably H. aberrans Ren. & Card.
292 = Isothecium lentum
262 = P. Ontariensis, C. Mull. & Kindb.
113 = U. crispula var. intermedia
186 = B. micro-erythrocarpum C. Mull. & Kindb.
181 = B. heteroneuron C. Mull. & Kindb.
383 = B. Edwardsianum, C. Mull. & Kindb.

I find that Kindberg changes No 435 to Campothecium Nevadense as you say but does not change No 437. He credits me with finding the same species this year again. It seems I have both _Homalothecium sericeum_ and _pseudo-sericeum_. My No 277 _Camptothecium lutescens_ is _H. pseudo-sericeum_, and I have _H. sericeum_ from Vancouver Island. We will let _Camptothecium megaptilum_ stand until later on. I will send down the remainder of Cal. & _without tickets_ in a few days. I complete the series of Dicranellas.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College N. Y.

287 = B. platycladum C. Müll. & Kindb.
288 ~~[illegible]~~ = B. distichum
Heterocladium heteropterum is probably H. dimorphum Ren. & Card.
212 = Isothecium lentum
262 = P. Ontariense C. Müll. & Kindb.
113 = W. crispula var. sitkensis
116 = B. [illegible]-erythrorrhizon C. Müll. & Kindb.
181 = B. [illegible] C. Müll. & Kindb.
180 = B. [illegible] C. Müll. & Kindb.

I find that Kindberg changes No 335 to Campy-
lium [illegible] as you say but does not change the
149. He credits me with finding the same [illegible]
year again. At same I have both [illegible]
and [illegible]. My No 377 [illegible] [illegible]
is [illegible], and I have [illegible] from
Vancouver Island. He puts it [illegible]
[illegible] [illegible]
[illegible] in a few days. [illegible]
Yours truly John Macoun
Mrs. E. G. Britton
Columbia College N. Y.

No 835

What has become of Austin's Trichodon nodulosus?

Oct. 29th

My dear Madam

Yesterday my son forgot to put up the specimens but they went today. Your note with mind writing came a few min since. The specimens sent will speak for them-selves. I now send others which I collected in the same localities last month.

I strongly suspect that Gymnostom... is meant for Trichostomum as they were formerly included. You will notice that my specimens of T. rigidulum are not green but the Gymnostom are and from calcareous rocks.

Very truly yours
John Macoun

P. S. B. rigidula sent was confirmed by Kindberg last year. The specimens collected this year he has not seen. J. M.

Mrs. E. G. Britton
Columbia College N. York.

What has become of Justice's [illegible] [illegible]?

No 235

My dear Madam Oct. 29th

Yesterday my son forgot the first of the specimens but they arrived today. Your note with mixed writing came a few min since. The specimens sent are specks of the [illegible]. I cannot send others which I collected in the same localities last month.

I strongly suspect that [illegible] is correct for [illegible] as they were formerly included. You will notice that my specimens of D. [illegible] are not yours but the [illegible] are and from Colorado works.

Very truly yours
[illegible]

P. S. D. [illegible] sent me confirmed by [illegible] last year. The specimens collected this year [illegible] not known. J. M.

Mrs. [illegible]
[illegible]

No. 836

Packet No I. Species I am sure of at present.

1 Tetraphis pellucida = 39 + 6
2 Hypnum (Hylocomium) loreum
4 " crispiforme
9 Ceratodon purpureus = 14 + 64
16 Fontinalis antipyretica = 23
19 Mixed. Separate the specimens
20 Polytrichum juniperinum (male Plants) = 25
21 " " (Capsules)
24 Webera cruda
27a Aulacomnium palustre
27b " " var. polycephalum = 41
28 Leucobryum glaucum
34 Philonotis fontana = 60
44 Hypnum denticulatum
48 Pogonatum alpinum = 67
54 Fontinalis antipyretica var. gigantea
57 Tayloria tenuis
58 Ulota Ludwigii
65 Tetraplodon angustatus
Parcel II
3 Dicranella heteromalla

2

4 Trematodon ambiguus
5 Leptotrichum tortile
6 Webera nutans = 10 + 35
7 Aulacomnium palustre var. polycephalum
8 Ceratodon purpureus = 11 + 16 + 40 + 42 + 45 + 46
13 Atrichum angustatum = 44a
13a Pogonatum urnigerum = 44
18 Tetraphis pellucida
20 Too poor.
21 Polytrichum formosum = 22
24 Ulota Ludwigii
25 Barbula tortuosa
27 Selaginella selaginoides (Club moss)
41 Tetraplodon angustatus
43 Aulacomnium palustre

The foregoing I have named off hand. Owing to the small quantity of many of the Hypnea I question very much whether they can be determined satisfactorily. I will try the others later this week and send you the results. There are a number of interesting species among them I have no doubt. Send me as much as you can

2

Nerestoctor analysis

Safistorichum tritti

Wildren eruptions = 10+35

Anl-accemmion [illegible] [illegible]

Juratodun [illegible] = 11+16+10+4+2+15+16

Whitlow [illegible] = 44

Begonatum [illegible] = 44

[illegible]

[illegible]

[illegible] = 22

[illegible]

[illegible]

[illegible] ([illegible])

[illegible]

[illegible]

The foregoing I have named off hand. Owing to want of familiarity of many of the [illegible] I question very much whether they can be determined satisfactorily. I will see others later this week and send you the results. [illegible] one a number of interesting species among them [illegible] doubts. Send me as much as you can

3

No 57 of Parcel X? No 38 may be a different species.
Of Parcel No II I should like a lot of No 44a and 29
I have not read your letter yet but only looked over it. Will answer it later. I may send some of your specimens to Kindberg and will return the specimens noted by you.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland

3

No 57 of Parcel I. No 58 may be a different species.
Of Parcel XIII I understand the lot of No 44 and 48
I have not read your letter yet but only
looked over it. The answer the letter I may send
some of your specimens to [illegible] and ask to have
the specimens noted by figures.

Very truly yours
John Macoun

Rev. A. C. Waghorne
New Harbor
Newfoundland

No. 37

Oct. 31st ?

Dear Dr. Kindberg

Yesterday, today and tomorrow, three packets of mosses, each containing 50 species, have been sent. These contain many common things gathered in Ontario but you will find others that will interest you. I also send a few that were collected in British Columbia and not sent.

You have now all of my own collections of this year but before spring I hope to get specimens from Newfoundland and New Brunswick besides I have my mounted specimens to go over which will produce many interesting things.

As soon as I hear from you I will begin to put everything in order for commencing to print the list. There are a few of the species collected this year to which I will call your attention later on. One however (No 487) you named N. americana in 1885 and No 488 was called O. rupestre. Please have a look at these again and let me hear what you think of them. Some of those now sent interest me very much.

Very truly yours J. Macoun

Dr. N. C. Kindberg
Sweden.

Oct. 21st

Dear Dr. Kindberg

Yesterday, today and tomorrow, three packets mosses, each containing 50 species, have been sent. These contain many common things gathered in Ontario but you will find others that will interest you. I also send a few that were collected in British Columbia and not sent.

You have now all of my own collection of this year but before spring I hope to get specimens from Newfoundland and New Brunswick besides I have my mounted specimens to go over which will produce many interesting things.

As soon as I hear from you I will begin to put everything in order for commencing to print the list. There are a few of the species collected this year to which I will call your attention later on. One however (No 187) you named B. Americana in 1887 and No 488 was called O. [illegible]. Please have a look at these again and let me know what you think of them. Some of the new ones interest me very much.

Very truly yours
J. Macoun

Dr. N. C. Kindberg
Sweden.

Nov. 4th 0

Dear Dr. Kindberg

The Manuscript reached me yesterday and I am delighted with it in every particular. I will begin to write at once and when I come across a specimen difficult to place or does not seem to fit I will send it to you in whole or in a part.

I am glad that Wlota sechiela has been settled as W. maritima.

About a month ago I sent 33 specimens of Sphagna to Dr. Warnstorf and today he sends the names. I am sending others. Additions to your list are S. medium, Limpr. compactum, Ok. quinquefarium Warnst. teres, Angstr. I send the third packet today. In the next letter I will ask questions and send some of Drummond's mosses.

Very truly yours
J. Macoun

Dr. C. Kindberg
Linköping
Sweden

Nov. 4th 0

Dear Dr. Kindberg

The Manuscript reached me yesterday and
I am delighted with it in every particular. I will
begin to print at once and when I come across a
specimen different to [illegible] or does not seem to fit
I will send it to you in a letter or in a packet.

I am glad that [illegible] has been
settled as [illegible].

About a month ago I sent 50 specimens
of Sphagna to Dr. Warnstorf and today he sends the
names. I am sending them. Additions to your list
are S. medium, Girgen., Cuspidatum, [illegible]
Warnst., Teres, Angust. I send the third packet today.
In the next letter I will ask questions and send some
of Renauld's names.

Very truly yours
John Macoun

Dr. C. Kindberg
Linköping
Sweden

a.531

Nov. 4th

My dear Sir

Your very welcome letter with the names of the Sphagna came yesterday and gave me great satisfaction. I am very glad to learn that you will be pleased to examine other specimens of Sphagna from Canadian localities. I now send 44 packets and hope to have others ready for you when I hear from you again. Next season I will get you, doubtless, many other forms from my correspondents.

I have many species of Moss (about 600) collected by myself and nearly 160 species of Liverworts – all named. Later in the winter I will send specimens of a number of them. Drs. Kindberg & C. Müller say I have 200 species of new mosses in my collections.

Hoping you will be pleased with what I now send. I remain gratefully yours

John Macoun

C. Warnstorf
Neuruppin
Germany

Nov. 4th

Dr. Warnstorf
Neuruppin
Germany

My Dear Sir

Your very welcome letter with the names of the Sphagna came yesterday and gave me great satisfaction. I am very glad to learn that you will be pleased to examine other specimens of Sphagna from Canadian localities. I now send 46 packets and hope to have others ready for you when I hear from you again. Next season I will get you, doubtless, many other forms from my correspondents.

I have many species of Moss (about 600) collected by myself and nearly 150 species of Lichens — all named. Late in the winter I will send specimens of a number of these. Rev. Prof. Kindberg & C. Müller say I have 200 species of new Mosses in my collection. Hoping you will be pleased with what I now send. I remain Gratefully Yours

John Macoun

No. 840

Nov. 4th 0

My dear Sir

Your card of the first inst. came yesterday and I was glad to hear that you had settled at Kingsville. Please get just two complete specimens of all the Unionidae at Kingsville and send them to us. Remember to get live ones if possible and cut out the animal but in any case tie the valves together with thread. If you desire the names send a duplicate number with those you send.

Send two Leather Turtles as large ones as you can get. Put them in a box with moss and a few holes in the top to give them some air. If [illegible] to get them alive. We will pay the express charges.

My collecting trip was fairly successful but I have lived out my west. for next year if I do not go west.

Very truly yours
John Macoun

Mr. J. F. McQueen
Kingsville
Ont.

Nov. 4 '86

My dear Sir

Your card of the first inst came yesterday and I was glad to hear that you had settled at Kingsville. Please get print two complete specimens of all the Tortoises at Kingsville and send them to Mr. [illegible] to get his use of turtle and at out the animal but in any case tie the name together with thread. If you have the name tie a duplicate number with that you send.

Send those Snapping Turtles as large ones as you can get. But there is a law with some and a few here in the [illegible] to pick them some win. If [illegible] to get them alive. We will pay the express charges.

My collecting trip was fairly successful but I have [illegible] not my [illegible] the next year if I do not go north.

Very truly yours
John Macoun

J. B. McQueen
Kingsville
Ont.

Nov. 5th 0

Dear Dr. Kindberg

Since I wrote I have completed a week's work on the Catalogue and have a few questions to ask. In your list you leave out Astomum Drummondii Kindb. which you founded on Drummond No. 12 Gymnostomum phascoides. I sent it last year as No. 681. In December 1888 I sent No. 537 which you named Weisia Wolfii. You omit it from the list. Where do you refer it now?

I am afraid we will have to drop Cynodontium gracilescens as the specimens Austin received from me were identical with those you named C. sub-alpestre. I send enclosed scraps from Austin and Mr. Britton which I would be glad for you to examine.

Very truly yours
John Macoun

Dr. N. Kindberg
Linköping
Sweden

Nov. 5th

Dear Dr. Kindberg

Since I wrote I have completed a week's work on the Catalogue and have a few questions to ask. In your list you have out Antitrichia Drummondii Kindb. which you founded on Drummond's No. 12 [illegible] Johansonii. I sent it last year as No. 6 R1. In December 1888 I sent No. 539 which you named Weisia Wolfii. You omit it from the list. Where do you refer it now?

I am afraid we will have to drop [illegible] as the specimens Austin received from me were identical with those you named B. sub-alpestre. I send enclosed samples from Austin and Mrs. Britton which I would be glad for you to examine.

Very truly yours
John Macoun

Dr. N. C. Kindberg
Linköping
Sweden

No 442

Nov. 10th 0

My dear Sir,

Your letter of 5th inst. reached me this morning. Thanks for the notes about the birds. I may not get the Catalogue finished this winter but will think over the question about "faunal areas". Too little is known yet regarding these areas. Altitude has far more to do with this matter than American Ornithologists seem to think. We found birds of three faunas breeding within a mile of each other the past season. Altitude gave them the situation they required.

Our only list of Mammals is one published by Mr. J. B. Tyrrell of our Survey a few years since. You might get it by writing to him here or to Toronto where it was published. I think with you that you will get a mingling of both faunas at London – the Canadian breeding in swamps the more southern in trees and bushes in the open woods. [illegible] pullata needs a pond with mud at bottom. Coolness is not necessary to it. You have quite a large list of Mammals from your neighborhood. Could you get me a few skins

Nov. 10th

My dear Sir

Your letter of 9th inst. reached me this morning. Thanks for the notes about the birds. I may not get the Catalogue finished this winter but will think over the question about "Fauna Areas". So little is known yet regarding these areas. Climate has far more to do with this matter than American Ornithologists seem to think. We found birds of the far north breeding within a mile of each other the past season. Climate gave them the situation they required.

Our only list of Mammals is one published by Mr. J. C. Bennett [illegible] a few years since. You might get it by writing to him there. In Toronto where it was published. I think with you that your work of a mapping of both faunas at Ontario — the Canadian breeding in [illegible] the more southern in [illegible] the [illegible] [illegible] (Canadian) fishes need a hand with much at bottom. Evidence is not necessary to it. You have quite a large list of Mammals for your [illegible]. Could you get me a few skins [illegible] Woodchucks.

2

of mice.

Part V has reached here but is still bound up. Part of it may be distributed this week. I will see that you get an early copy.

I am now at Part VI. It will contain Mosses & Liverworts – about 1000 species – nearly 200 are new to science and will be described in Part VI. You see I have not been idle but may not reach the birds this winter.

The Lycopodium sent is complanatum.

Please keep noting the birds as we may need your information when we get botany off our minds. I may remain in Ontario next summer and if so will make exhaustive collections in the Lake Erie section.

Very truly yours
John Macoun

R. Elliott Esq
Plover Mills
Ont.

of mine.

Part V has reached here but is still loose. Part I of it may be distributed this week. I note in that you got an early copy.

I am now at Part VI. It will contain some 9 genera - about 100 species - nearly 20 are new to science and will be described in Part VI. You see I have not been idle but may not reach the birds this winter.

The [illegible] is <u>Conopophaginae</u>.

Please look out for birds as we may need your information when we get through of our records. I may remain in London until tomorrow and if so will make [illegible] in the [illegible] Museum.

Very truly yours
[illegible]

Elliott Esq
[illegible]
Oct.

843

Nov. 10th

My dear Mr. White

Your letter addressed to the Experimental Farm only got into my hands on Saturday and so I write now.

As you are aware I reached Toronto on Saturday and made only a flying visit and started the next day for Windsor for the next two weeks I worked around Lake Erie and reached Toronto late at night on Friday and had to start for home on Saturday so that I had no time for my contemplated visit. From present appearances I may be all next summer in Ontario and if so you will have enough of me as I am bound to do up the Hamilton District, where there are many plants.

Mr. Fletcher has said nothing about the list of plants but may let me see it. I should certainly like to see the plants you mention and would determine them if you send them down. Regarding the Habenarias I can only say that it is for those on the ground to note and publish the distinctions you mention. A closet man

Nov. 10th

My dear Mr. Hill

Your letter addressed to the Superintendent came only into my hands on Saturday and so I write now.

As you are aware I reached Toronto [illegible] Saturday and made only a flying visit and started the next day for Winnipeg [illegible] I reached [illegible] and reached Toronto late at night on Friday and had to start for home on Saturday so that I did not have time for my contemplated visit. From present appearances I may be all [illegible] in Ontario and if so you [illegible] I [illegible] to [illegible] of the [illegible] Cabinet [illegible]

plants.

Mr. [illegible] has [illegible] about the [illegible]

[illegible] I [illegible]

plants [illegible]

[illegible]

[illegible]

I can only [illegible]

and [illegible]

2

Cannot be this. Our herbarium contains about 40,000 specimens of Canadian plants and all the Corallorhizas are well represented and I am quite sure we are not "mixed". I am quite sure however that Toronto botanists are pretty well mixed in their ideas of species as for the last twenty years they have measured themselves by themselves until they are "awfully" mixed. You cannot get C. striata early in spring and then from the same clump C. multiflora in the fall. Why do you not send your specimens to me or some other person competent to speak on the subject and then you would have a basis from which to argue? Until you have an authentic series of specimens things will be mixed in Toronto.

We often collect specimens in the morning in rain and have them perfectly dry before night. We use felting the same as is put under carpets, and heat their driers either by a fire or in the sun and change them often. Our specimens are all green and beautiful. My son wrote the whole thing up for the Ottawa Naturalist last spring and it was published I believe in the

March number. Fletcher can send it to you.

Every plant in Ontario except say half a dozen of these are that many are described in Gray's New Manual and this book should be in the hands of every collector. If I issued a list in such form as you say it would cover many pages as there are about 1200 species. No one collector would observe more than 600 species and all the other printing would be lost. Another and more serious objection is the _mixing_ of species which is sure to ensue. As far as I am concerned I will publish _no_ localities unless _I see_ the specimens. By getting actual specimens I would get matter of great value by getting names from Dundas only I would get nothing of value. I could not endorse the statement without seeing the specimens.

Regarding the distribution of our literature, it is not for me to say what should or should not be done but I would be very glad if you and others would push the matter and have the M. Co. take the question up. I would like to see my writings in the hands of every botanist in Canada but it is not as _I_ say.

4

Your suggestion about having the order at the top of the odd page is a good one. I will keep it in mind. Your other suggestion would be just the thing for your University authorities to take up. They should show some interest in Natural History and stimulate the teachers. The Dominion Government has nothing to do with such work.

I am sorry I did not meet the boys but will do the next best thing: name all their plants and answer all their questions as the term begins.

Very truly yours

John Macoun

Mr. J. E. White
185 Carlton Street
Toronto.

P.S. I blame the almost total absence of botanical knowledge in Ontario solely to the University of Toronto. Not a botanist has ever left that institution in the last twenty years. J. M.

4

Your suggestion about having the order of the type of the old forge is a good one. I will keep it in mind. Your other suggestion would be just the thing for your University authorities to take up. They should show some interest in Natural History and stimulate the teachers. The Dominion Government has nothing to do with such work.

I was sorry I did not meet the boys but will do the next best thing: [illegible] and [illegible] in this question we [illegible] before.

Very truly yours
Alfred Macoun

Dr. J. C. White
185 Carlton Street

Toronto. [illegible] about [illegible] of botanic [illegible] [illegible] in [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] a botanist has [illegible] [illegible] [illegible] in the [illegible] years. J. M.

Nov. 11th [illegible]0

Dr. A. R. C. Selwyn C. M. G.
Director Geological Department
Sir.

I beg respectfully to call your attention to the fact that my assistant Mr. J. M. Macoun is the only member of the ~~staff~~ temporary staff of the Geological and Natural History Survey doing independent original work whose salary was not increased from $2.50 to $3.00 per day last May.

In the field he has proved himself perfectly efficient as my assistant, not only when he was with me but frequently I have had occasion to give him independent exploration and other scientific work to do and have found him competent to conduct such scientific work alone.

As the work connected with my department has increased it has been found absolutely necessary to transfer a large part of the botanical work and the whole care of the herbariums to my assistant, while the routine work of mounting and poisoning

Jan. 11th 0

To A. R. C. Selwyn C.M.G.
Director Geological Department

Sir:

I beg respectfully to call your attention to the fact that my assistant Mr. J. M. Macoun is the only member of the ~~staff~~ temporary staff of the Geological and Natural History Survey, being independent, engaged with whose salary was not increased from $2.50 to $3.00 per day last May. In the field he has proved himself perfectly efficient as my assistant not only when he was with me but frequently I have had occasion to give him independent exploration and other scientific work to do and have found him competent to conduct such scientific work alone. As the work connected with my department has increased it has been found absolutely necessary to transfer a large part of the botanical work and the whole care of the herbarium to my assistant, while the routine work of mounting and poisoning -

2

of the plants for herbarium has to be done outside the office.

You are not unaware of the increase of my work and this increase has forced me to put the whole responsibility of the herbarium on my assistant so that now he is as well acquainted with the whole details of the work as I am myself.

Now while the responsibility and importance of his work have increased there has been no corresponding increase in his remuneration and I beg respectfully to ask that my assistant may be placed on a level with the other assistants and his salary be increased from $2.50 to $3.00 per day.

All of which is respectfully

Submitted.

John Macoun
Naturalist
Dept. of Geology.

2

of the present Gen. Instructions has to be done outside the office.

You are well aware of the increase of my work and this increase has forced me to put the whole responsibility of the Instructions on my Assistant as that man he is as well acquainted with the whole details of the work as I am myself.

Now while the responsibility and importance of his work have increased there has been no corresponding increase in his remuneration and I beg respectfully to ask that my Assistant may be placed on a level with the other Assistants and his salary be increased from Rs. 20 to Rs. 25 per day. All of which is respectfully submitted.

John M[illegible]
Instructor
Dept. of [illegible]

No 845

Nov. 11th 0

My dear Sir.

Your letter of Oct. 25th came in due time and I was pleased to learn that some work had been done the past summer. I would like very much to spend another summer on the west coast but I am afraid there is little prospect of my doing so next year. I am glad you found my Catalogue of use and would cheerfully identify any of the species collected, you or others may be in doubt about. I have noted the localities you mention but none of the plants are rare on the island.

You might mention to your friend that he is sure to find many new species around Victoria as I added many to science from that neighborhood. C. Müller of Halle says my discoveries constitute an epoch in American Bryology. I have about two hundred species new to science. Lesq. & James will do very well for your island, but about one in every six will not be described in it. I am writing Part VI which will contain localities for over 800 species of mosses but I could not make out a list more without much labor. The rarest plants of those found in the Province

No 845

Nov 11th

My dear Sir.

Your letter of Oct. 23rd came in due time and I am pleased to know that you could hold [illegible] the first [illegible]. I would like very much to spend another season on the west coast but I am afraid that is the height of my desire for next year. I am glad you found [illegible] and would [illegible] identify any of the species collected, if in other [illegible] what is. I have [illegible] the localities you mention but none of the plants are new on the island.

Your [illegible] mention of your find [illegible] he is sure to find many new species around [illegible] as I asked many to know from that neighborhood [illegible] of [illegible] my [illegible] [illegible]. I have about two hundred species new to science [illegible] for your island, but about one in every [illegible] not be found in it. I am making [illegible] which will contain localities for over 800 species [illegible] must make out a list more [illegible] much better [illegible] of the species in the [illegible]. The [illegible]

2

is to send me good specimens of his finds and I will name them for him or get them named. The fact of any person identifying mosses exactly from Lesq. & James, except the common species, is so slim that your friend's identifications could not be accepted for publication without the specimens.

We made immense collections the past season in the Columbia River and Kootenai Lake region and believe we have secured a nearly complete series of the plants of that district. Of mosses alone I collected over one hundred additions.

Very truly yours
John Macoun

C. F. Newcombe M.D.
Secretary. N.H.S. of B.C.
Victoria.

2

is the [illegible] one good specimen of his finds and
I wrote more than for him to get them named.
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Very truly yours
John Macoun

C. F. Newcombe M.D.
Secretary, N. H. S. of B.C.
Victoria.

846

Nov 8th 0

My dear Sir

Your card was received a few days since and I was exceedingly glad to hear from you again. Since you heard from me I have been very busy and have made good progress with my work. I have completed Part V of my Catalogue of Canadian Plants, which brings me to the end of the ferns and their allies. I am now at work on Part VI — Musci & Hepaticae — and have 1000 species ready for it. C. Müller of Halle and Dr. Kindberg of Linköping, Sweden, have examined them all and credit me with adding nearly 200 species of Musci to science.

Part V will be distributed in a few days when one will be forwarded to you. If you desire specimens of any kind I will send them. Yours [...] will be very acceptable to me.

Very truly yours
John Macoun

Dr. F. Kurtz
Cordova
Argentine Republic

Nov 18th

My dear Sir

Your card was received a few days since and I was exceedingly glad to hear from you again. Since you heard from me I have been very busy and have made good progress with my work. I have completed Part V of my Catalogue [illegible] Beetles, which brings me to the end of the genera and their allies. I am now at work on Part VI — [illegible] & [illegible] — and have [illegible] ready for it. [illegible] of [illegible] and the [illegible] of [illegible], have examined them all and credit me with adding nearly 200 species of these to science.

Part V will be distributed in a few days when one will be forwarded to you. If you desire specimens of any kind I will send them. [illegible] will be very acceptable to me.

Very truly yours
John [illegible]

[illegible]
[illegible]
[illegible]

No 847

Nov. 11th ?

Dear Mr. Carruthers

Since I wrote last I have been very busy collecting, examining and writing. Part V of my Catalogue will be distributed in a few days and Part VI - the Musci and Hepaticae is under way. During the last four years my collections of Musci have been so large and so valuable in the discovery of new species that C. Müller of Halle says my discoveries constitute an epoch in American Bryology. He and Dr. Kindberg have carefully examined nearly all my specimens and described the almost incredible number of 187 species new to science and at least forty others new to America. My list now is over 700 species collected by myself.

When you had the mosses from me four years ago, you had 300 species many of these have had their names changed and so many additions have been made that the second issue is going to reach 600 species more to Museums.

[No 94]

Nov. 4th.

Dear Mr. Carruthers

Since I wrote last I have been very busy collecting, examining and describing. Part V of the Catalogue will be distributed in a few days and Part VI – the Amastrae and Leptachatina is under way. During the last four years my collection of Amastrae have been so large and so valuable in the discovery of new species that the totals of [illegible] ago my discovery doubled our species in Amastra. Pilsbry. He and Dr. Cooke have busily examined nearly all my specimens and described almost incredible numbers of 187 species new to science and at least forty others new to Amastra. By this one is over 700 species collected by myself.

When you had the museum from me four years ago, you had 300 species many of these have had their names changed and so many additions have been made that the Amastra alone is going to reach 600 species – more than Achatinella.

2

Kindberg is getting this series and our twenty sets have been taken and it just strikes me that you ought to have them as the types of the new species will be in these sets. Our American friends have taken nearly all at $6 per century but as you are [illegible] in Europe I sell them to Kew and in Germany at $6 per century. If you desire this series—there are five hundred nos.—let me know and I will send them and a lot of flowering plants at once.

At any rate expect a lot of lovely plants from the western mountains before spring. Part VI will contain descriptions of all the new forms. I am incorporating Kindberg's names in the Catalogue and may have to ask you about some of the numbers not in my list as being sent by you.

Very sincerely yours

John Macoun

P.S. If there are any other mossmen in England willing to buy American mosses now is their time to get them.

J. M.

2

[illegible] is getting the [illegible] and [illegible]
have been talking and thinking about [illegible] that you
might [illegible] be [illegible] at the office of the new [illegible]
will be in these days. The American friends here
taken nearly all of it for anything that we [illegible]
the papers in Europe I [illegible] them to hear and
in Germany [illegible] for anything. If you think the
[illegible] are [illegible] [illegible] all the [illegible]
and I must send them and a lot of flowering plants
at once. It [illegible] a lot of hardy plants
from the northern mountains of the spring. And we
will be doing everything for the new [illegible]. I am
[illegible] [illegible] [illegible] in [illegible]
and may have to ask you about more of the
[illegible] and [illegible] in my [illegible] and by [illegible].

Very sincerely yours
John [illegible]

P.S. If there are any other Americans in England wishing
for [illegible] [illegible] [illegible] [illegible] [illegible]
J. M.

Ottawa Nov. 11th

Mr. G. N. Best
Rosemont N. J.

Dear Sir

I sent you yesterday by mail specimens of the Roses collected by my father and myself last Summer. We would be glad of your determinations when you have time to look on them. The specimens are of course to be retained by you.

Yours truly
Jas. M. Macoun
Curator of Museum

Nov. 12th 0

Dear Prof. Saunders

Your letter of the 10th inst. just reached me this afternoon and in answer I may state that the plant mentioned in the postscript is a fungus named Cyathus vernicosus DC. It is common in stubble and potato fields in the autumn.

Besides the two volumes of Gray's Synoptical Flora of North America, my catalogue and the Botany of California there are no other works treating of western plants. My Catalogue Parts I & II. gives the names of all the fruits in British Columbia. Gray's Synoptical Flora covers Part II and the first Volume of the Botany of California this covers Parts I & II.

The wild fruits Mr. Wilson might test with good results are the three strawberries

Nov. 12th

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The other plants Mr. Wilson might test with good results are the [illegible]

2

one of which often has from ten to twenty ripe strawberries on one stalk at a time. Willie can tell you about that at Golden City.

The Gooseberries and Currants are not very good. The Raspberries are very fine. The Salmon Berry (Rubus spectabilis) produces large berries of all colors. The red raspberry is also very fine. There is another (a black cap) like our black raspberry which is named Rubus leucodermis that produces very fine fruit. Last year I discovered a fine hybrid between this and the red raspberry which produced very fine purple fruit. This grew on the hillside back of the Store at Sicamous.

The Vacciniums (Huckle or Blue berries) are very fine both on the mountains and in the low country and might repay ~~labor~~ the labor of improving them. There is one species on the lower slopes of all the mountains (Vaccinium Myrtilloides) which is valuable without cultivation

2

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strawberries on one stalk at a time. Willie
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myrtilloides) which is valuable without cultivation.

3

as its berries are large and well-flavored. It is easily known as its berries grow singly in the axils of the leaves, are broad at the tip and are a deep purplish black. Another species grows with it (V. ovalifolium) which is bluish and has a bloom but when one eats many they pucker the mouth.

Raspberries, Strawberries, Vacciniums are the fruits that he ought to turn his attention to.

I think I could give you seeds of the free fruiting strawberry one gathered last August at Sooke.

Very truly yours

John Macoun

Prof. William Saunders
Director
Experimental Farms
Ottawa

as its leaves are large and well-flavored. It
is easily known as its leaves grow unequally in
the axils of the leaves, are brown at the tip and are
a deep purplish black. Another species grows with
it (V. [illegible]) which is [illegible] and has a bloom
but when one eats many the purples the mouth.

Empetrum, Arctostaphylos, Vacciniums
are the points that he ought to turn his attention
to.

I think I would give you each of the four
fruiting [flowering] specimens last August at [illegible].

Very truly yours
John Macoun

Prof. William Saunders
Director
Experimental Farms
Ottawa

No. 850

Nov. 12th 0

Dear Professor Fowler

I have started work on Part VI (Part V will be dis-tributed in a few days) which includes mosses and liverworts. I find it will be necessary to have your old moss list or still better if you could let me have your collection to compare with my revised one which has been examined by Dr. Muller and Dr. Kindberg. Mr. J. Moser has collected many fine species in New Brunswick and at least five new to science so that there may be new species among your old collection. My own additions to North American Bryology number over 200 species and of these 175 at least are new species so you see we are doing good work.

Please either let me have your list or send the collection (C.O.D.) and I will return it in spring with additions.

Very truly yours
John Macoun

Rev. James Fowler M.A.
Queen's College
Kingston

Nov. 12 —

Dear Professor Fowler

I have started work on Part VI (Part V will be distributed in a few days) which includes Mosses and Liverworts. I find it will be necessary to have your list of Mosses of Ontario. It will be better if you could let me have your collection to compare with my series one which has been examined by Dr. Mueller and Dr. Kindberg. Mr. J. Macoun has collected many fine species in New Brunswick and at least five new to science so that there may be new species among your collection. My own additions to North American Bryology number over 200 species and of these 175 at least are new species so you see we are doing good work.

Please either let me have your list or send the collection (C.O.D.) and I will return it in spring with additions.

Very truly yours
John Macoun

Dr. James Fowler M.A.
Queen's College
Kingston

No. 851

Ottawa Mar. 1886

Dr. Theodor Holm
U.S. National Museum
Washington D.C.

Dear Sir

Your letter and packet of plants were duly received and I have to-day looked over the specimens finding many among them that were not represented in our herbarium. We thank you very much for them and any further specimens you may send will be very acceptable. I have not yet begun the distribution of this year's collection but will have many specimens to send you when I have time to get them out

Yours Sincerely

Jas. M. Macoun

Curator of Herbarium

No 852

Ottawa Nov. 12th 0

Mr. D. J. McDougall
Greencastle. Ind.

Dear Sir

Your note of the 6th inst.
has been received and in reply I would say that
so many copies of my flora of Canada (Cat. of Can.
Plants.) have been distributed that a nominal
price of 25¢ per ~~copy~~ part is now charged for them.
Five parts have been published. They are to be
had from the Librarian of the Geol. Survey - Dr. Thorburn

Yours truly
John Macoun
Natlst

Ottawa Nov. 12th [illegible]

Prof. A. M. [illegible]
Terre Haute, Ind.

Dear Sir

In reply to your [illegible] of the 9th inst. I would say that the Reports [illegible] of Canada are to be obtained only [illegible] the [illegible] of this Department — Dr. John Thorburn [illegible] the Librarian of this Department and when [illegible] [illegible] are distributed free to Colleges and [illegible] sold at a [illegible] in [illegible] Thorburn you will [illegible] price. By [illegible] next reports. [illegible] not [illegible] and [illegible] of my Catalogue is just ready for [illegible] [illegible] a copy in a few days

Yours truly
John Macoun
[illegible]

No. 854

Nov. 12th

My dear Sir

Your first letter came and I am very much pleased with the proposition mentioned in it. I gave it to my son who is my assistant and have never seen it since. In fact I thought I had answered it until your letter came this morning. Of course I will join and so will my son. I spoke to Mr. Scott of the [illegible] and Mr. [illegible] and they will also join. You might write them [illegible]. Whenever my son comes to the office he will [illegible] Sir.

[illegible] and your [illegible] any time it may suit you so I can examine it at once and will return it immediately. I think it would be a good thing to send your whole collection and we could make it a standard according to my catalogue so that in future you could identify with certainty

2

the collections of the future. This may not suit your views on such just what suits you and I will alter them at once.

I have found the little plants [illegible] on my desk. I will send you any number [illegible] my [illegible]. Our herbarium contains about [illegible] sheets of specimens and nearly all the known species of [illegible] plants in our locality [illegible] anything that may be available.

Let your [illegible] [illegible] [illegible] [illegible] [illegible] you design to be a [illegible] [illegible] [illegible] [illegible] [illegible] would be to [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible] [illegible] in the herbarium [illegible] [illegible] plants could be gathered together. [illegible] [illegible] [illegible] that I will be able to give material assistance and I hope [illegible] you as I may be [illegible] [illegible] [illegible] of [illegible] [illegible].

Write to Prof. [illegible] of [illegible] and ask him to furnish you names. Write to [illegible] [illegible] and to Mr. John [illegible] of [illegible]. [illegible], [illegible]. and

3

As time passes I miss [illegible] and think of other names. I have to leave now but my [illegible] add a postscript.

Very truly yours
John Murray

In addition to what my father has written above I must say that he was in a state [illegible]

Yours truly
Jas. M. Murray

Nov. 15th 0

My dear Sir

I thank you very much for sending me the joint report of yourself and Prof. Bessey. I have written him regarding it and he will likely mention the matter to you.

Part V of my Catalogue of Canadian Plants will be distributed next week and if you are not in receipt of the other four parts send your present report to our Librarian and a letter to Doctor Selwyn our Director or to the Librarian asking for the Catalogue and it will very likely be sent as I will be asked about you. All our publications are distributed through the Library.

Very truly yours
John Macoun

H. J. Webber Esq
Shaw School of Botany
1724 Washington Ave.
St. Louis
Mis.

Nov. 15th

My dear Sir

I thank you very much for sending me the joint report of yourself and Prof. [illegible]. I have written him regarding it and he will likely mention the matter to you.

Part V of my Catalogue of Canadian Plants will be distributed next week and if you are not in receipt of the other four parts and your annual report to our Librarian and a letter to Doctor Selwyn our Director or to the Librarian asking for the Catalogue and it will very likely be sent as I will be asked about you. All our publications are distributed through the Library.

Very truly yours
John Macoun

Prof. Wm. Trelease
Shaw School of Botany
[illegible] Washington Ave.
St. Louis
Mo.

Nov. 15th

Dear Prof. Bessey

Your joint report on the grasses and forage plants of Nebraska, including the catalogue of its plants has reached me and I thank you very much for it.

The reversal of the usual classification is wh. I should have expected but I was surprised to find it. We all know it is the most natural mode and will no doubt be the basis of catalogues in the future. There will be much opposition however as so much ignorance exists regarding the lower forms. For my part I will keep on in the old way as I could not afford to make a change now. I suppose some men will object to condemn your plan but their own ignorance will be the chief factor in the condemnation.

I confess though that the bringing in of the lichens amongst the Fungi is beyond me and politicians all know I will suspect that like some politicians

Nov 12th

Dear Prof. Dewey

Your joint report on the grasses and forage plants of Nebraska, including the catalogue of its plants has reached me and I thank you very much for it.

The reversal of the usual classification is what I should have expected but I am surprised to find it. We all know it is the most natural mode and not so doubtful to the basis of cataloguing in the species. There are so many affinities known as so much ignorance exists regarding the lower forms. For my part I am kept in the old way as I could not afford to make a change now. I suppose some more will affect to condemn your plan but their own ignorance will be the chief factor in the condemnation.

I confess though that the lumping in of the lichens amongst the fungi is beyond me and that like some botanists we know I will suspend

2.

judgment until I see the way the "Cat jumps".

As a contrast between your means and ours I may say that I am now cataloguing them and will have 1000 species between them and the seventy I find that at least 200 species will be new to science so you see I am doing something to call attention to many new forms. C. Muller and Ch. Kindberg will be the authorities for the new species.

Part V of my catalogue will be distributed next week. I hope it may please you.

Very truly yours
John Macoun

P. S. Century V will be distributed this winter. Nearly one half will be new species.
J. M.

Prof. Charles E. Bessey
Lincoln
Neb.

2

judgement until I see the way the "Cat jumps".

As to contract between you and me and yours I may say that I am now cataloguing them and will have 1000 species between them and the Museum. I find that at least 200 species will be new to science. As you see I am doing something. I have asked [illegible] Prof. [illegible] and [illegible] will be the authorities for the new species.

Part V of my catalogue will be distributed next week. I hope it may please you.

Very truly yours
Alfred [illegible]

P.S. [illegible] will be distributed this winter. Many are truly [illegible] the new species.
A. M.

Prof. Charles E. Bessey
Lincoln
Neb.

No. 57

Nov. 16th

Dear Prof. Peck

Your Annual report for last year has just reached me. I am delighted with this one as I have been with all the others. By good luck we have the whole series in our Survey Library so that when I reach the Fungi they will be of immense service as you have described most of our species one time or another.

My time is now spent chiefly on Mosses of which I have collected many new species new to science. I am writing Part III of my Catalogue the new and all others will be described in it. The descriptions are by Dr. Kindberg of Sweden and C. Muller of Halle. Part 2 will be distributed next week. I hope it may please you.

Wishing you many years health and strength I remain truly yours
John Macoun

Prof. Charles H. Peck
Albany New York

Nov. 16th

Dear Prof. Peck

Your Annual report for last year has just reached me. I am delighted with this one as I have been with all the others. By good luck we have the whole series in our Society Library, so that when I want the [illegible] they will be of enormous service as you have described most of our species one here [illegible] my time is now spent chiefly on [illegible] of which I have collected nearly [illegible] now + numerous. I am making [illegible] of my collection now and all these will be described in it. The descriptions are by Dr. [illegible] of London and G. Massee of Kew. Part I will be distributed next month. I hope it may please you.

Wishing you many years health and strength I remain Truly yours

[illegible]

Prof. Charles H. Peck
Albany New York

Nov. 14th 0

My dear Sir

Some time since I received Part II. of the Provisional Host-Index of the Fungi of the United States. Please accept my thanks for your kindness. As often as I reach the Fungi in my work I will find it of the highest value. Even now I can place many species by the first part.

My time is mostly taken up with mosses now as I am writing Part VI of my Catalogue which will contain these and the [illegible]. The mosses will number nearly 800 species almost 200 of them being new to science. Determined by Kindberg and C. Mueller. Part V will be distributed next week.

Very truly yours
John Macoun

Prof. W. G. Farlow
Cambridge
Mass.

Nov. 19th

My dear Sir

I am this moment in receipt of Part II of the Thermometer Shelter [illegible] of the Magnetic [illegible] of the Naval Obsy. Please accept my thanks for your kindness. [illegible] [illegible] [illegible] in my work at [illegible] find it of the highest value [illegible] [illegible] I can place [illegible] [illegible] the first part.

My [illegible] [illegible] [illegible] letter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] which [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Very truly yours
Edward [illegible]

Prof. W. C. [illegible]
Cambridge
Mass.

Nov. 14th

Dear Mr. Harrington

I had the pleasure of receiving your article on the List of the Coleoptera collected by members of the staff of the Geological Survey a few days since. It is quite a pretty list and is a start in the right direction. I wish G.S. would get the Butterflies that have been collected for the last seven or eight years in shape to publish so that we would get all together. I collected the B. C. specimens in 1876.

Part V of my Catalogue will be issued next week when I expect you to receive a copy.

Very truly yours
John Macoun

W. H. Harrington Esq.
P.O. Dept.
Ottawa

Nov. 16th

Dear Mr. Harrington

I had the pleasure of receiving your letter on the list of the Coleoptera collected by Members of the staff of the Geological Survey a few days since. It is quite a godsend to me as a start in the right direction. I wish J.B. would get the Coleoptera that have been collected for the last season or eight years in shape to publish, or what we could get all together & collected the O.C. specimens in 1875. Part V of my Catalogue may be issued next month when I expect to receive a copy

Very truly yours
John Macoun

H. H. Harrington Esq
P.O. Dept.
Ottawa

Nov. 11th [illegible]

Dear Dr. [illegible]

Your letter and the parcel of plants came in due time. I was delighted to find such a goodly list of new Epilobiums and the [illegible]. Please accept my very best thanks for your trouble in working over my specimens. I see you sent back the unnamed specimens which I intended you to retain. I never ask some specimens to be returned. I am glad you kept the others. Those now sent back to me will be put in the parcel with the Carices which will go to you this winter. I am going to present you with a complete set of Canadian Carices which as you are aware number very many fine species. My time now is employed working up the mosses which will be published next year. Part V of the Catalogue will be distributed this week. The parcel sent by [illegible] was treated just right.

Very truly yours
John Macoun

Dec [illegible]

Dear Dr. [illegible]

Your letter and the parcel of plants came in due time. I was delighted to find such a good lot of rare Ophioglossums and the [illegible]. Please accept my very best thanks for your trouble in making out my specimens. I see you send back the unmounted specimens which I intended you to retain. I merely ask some specimens to be returned. I am glad you kept the others. You are most kind to me with the parcel with the [illegible] which only go to prove that result. I am going to present you with a complete set of [illegible] ferns which as you are aware consists of many fine species. The time now is employed [illegible] which [illegible] to [illegible] [illegible]. [illegible] will be [illegible] this [illegible] [illegible] [illegible]

Very truly yours
[illegible]

Nov. 17th

My dear Sir

Please accept my thanks for the Transactions of the Mass. Hort. Soc. which reached me the other day. Your reports are very valuable and highly prized by me.

Part V of my Catalogue of Canadian Plants will be out this week. I hope it may please you.

Very truly yours
John Macoun

Robert Manning Esq.
Sect. Mass. Hort. Soc.
Boston
Mass.

Nov. 19th.

My dear Sir

Please accept my thanks for the Proceedings of the Mass. Hist. Soc. which reached me the other day. Your report is very valuable and highly prized by me.

Part 4 of my History of [illegible] Church will be sent out late next. I hope it may please you.

Yours truly,
Alfred Manning

Robert Manning Esq.
Lib. Mass. Hist. Soc.
Boston
Mass.

110462

Nov. 16th

Dear Mr. Ritter

Your note of Oct. 31st came duly to hand but I did not answer it as I am working now on a different section of the work. You do not mention what you make [illegible].

Later on I will return to this subject. I am now catalogueing my whole collection and have made [illegible]. [illegible] my [illegible] (No. 20) is a new species and name it [illegible]. What do you think of it? As soon as you look at the [illegible] and [illegible] let me know what you make of them. I know they are mixed and I want to send authentic specimens where this has taken place.

[illegible] makes No. 62 = [illegible] Hele. From [illegible] letter this must be a middle so we must fall back on your name — P. [illegible]. I find my specimens both from Yale and the [illegible] are named of P. [illegible] var. [illegible] by [illegible], in 1870. so that [illegible] P. [illegible] is [illegible].

2

I will write Hindsley regarding the species and I will ask you for a description of it for the Proc. I am writing—as you have P. intermedius and [illegible] you are all the facilities to describe the new species easily. I will tell Hindsley that you will describe it.

I think by the time we are through there will be very few specimens of the [illegible] collections that will not be examined.

Parker and [illegible] list of Canadian [illegible] [illegible] out and will be distributed next week. I will now commence and get out a set of Canadian [illegible] as soon [illegible] which [illegible] of the plates. They are the kind I spoke of to you.

Wainwright is examining all my [illegible] out of 22 [illegible] he made 10 species and five [illegible] him [illegible] & have sent him forty others. After I have heard from him this time I will be better able to speak so far as his genera and species are quite distinct. He evidently knows what he is talking about. He received the Walsingham [illegible] abroad.

3

me. As soon as he is through I will re-issue the Sphagna of Century I and call in the first specimens sent so as to get the whole series authentic. I am not particular whether I receive the specimens back or not. When I have finished the Catalogue I will print a complete list of the corrections to the whole series so that any one having the collection may know the changes we have made.

You may remember our discussion of Webera pulchella and allied forms last year. Since then Kindberg has named my 100 specimens W. Columbiana No. 115 Alta Americana Kindb. W. [illegible], C. M. & Kindb.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

3

me. As soon as he is through I will re-issue
the Catalogue of Section II and list in the first
[illegible] specimens which are in the [illegible]
Conchologists. I am most particular in returning
the specimens back to me. When I have finished
the Catalogue I will print a complete list of
the corrections of the whole series so that any
one having the collection may know the
changes we have made.

Your many [illegible] on [illegible]
of Western [illegible] and [illegible] from last year.
Since then [illegible] has received my [illegible]
the [illegible]. [illegible]
[illegible]

Very truly yours
John Macoun

Mr. C. C. [illegible]
[illegible]
[illegible]

My dear Madam Nov. 19th o

Your letter of 17th inst. came today. I am glad to learn you are in hopes of having some of the new species drawn for me.

I send all I have mounted of Gymnostomum tenue and calcareum. All have passed through Kindberg's hands. It is No. [illegible] of Canadian Musci that is referred to on Page 54 (fig. ? James. No 65 Canadian Musci is Seligeria calcarea according to Kindberg.

I have not heard from Kindberg regarding the collections made at Owen Sound this autumn.

In Canadian Musci No. 41 I distributed ~~Cinclidium fragilifolium~~, now this = C. subulifolium, Kindb. ~~and C. dilatatum Kindb.~~ Austin made the first of these C. Macounii when it was barren and C. fragilifolium when it was fruiting. I wish you would examine Austin's specimens and see what he makes of them. Compare with my No 41. I am going slowly over the Cinclidiums and find much to learn about them.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

(P. S. I see Braithwaite separates C. congestum from C. fasciculare.)

NB

[illegible] sent with the last instalment of the new mosses. J. M.

My dear Madam   Nov. 19th

Your letter of 17th inst. came today. I am glad to learn you are in hopes of having some of the new species drawn for me.

I send all I have remaining of Hypnodendron [illegible] and [illegible]. All have passed through Lindberg's hands. It is No. 21 of [illegible] that is referred to on page 54 fig. 2 of yours. No 65 [illegible] is [illegible] according to Lindberg.

I have not heard from Lindberg regarding the collections made at [illegible] last autumn.

In [illegible] No. 41 I labelled [illegible] graphidioides, now this = [illegible] [illegible]. [illegible] made the first of these [illegible] when it was [illegible] and [illegible] when it was fruiting. I wish you would examine [illegible] specimens and see what he makes of them. Compare with No. 41. I am going already over the [illegible] and find much to learn about them.

Very truly yours
[illegible]

[illegible]

No 2864

Nov. 20th

My dear Professor

Your note and the list both came yesterday. Accept my thanks for the same. Should you be able to send the mosses I will take care of them and can add materially to them before I send them home. I am bound to have my whole collection nearly perfect as the series after the publication of my list must stand the test of time as it will be a long time before any one will write it over again.

I will either return the duplicates you send or send an equal number or more in exchange. If I change any of the names I will return the specimen and another of mine so that you can see why I change the name. Part V and the List of Hepaticae will be sent out next week if possible.

Very truly yours
John Macoun

Prof. James Fowler
Queen's College
Kingston

Nov. 20th

My dear Professor

Yours as to and the list both came yesterday. Accept my thanks for the same. Should you be able to send the names I will take care of them and can add materially to them before I send them home. I am bound to have one [illegible] nearly perfect — as the series after the publication [illegible] must stand the test of time as it will be a long time before any one will work it over again.

I will either return the duplicates you send or send an equal number or more in exchange. If I change any of the names I will return the opinion and another of mine — so that you can see why I change the name. Part V and the list of Hepaticae will be out next week if possible.

Very truly yours

[illegible]

Prof. Thomas C. Porter
Lafayette College
Easton

183

[illegible] May. 22nd

Dear Madam

I have but lately returned from
tish Columbia and have had but little
e for distributing plants. I have however got
a hundred sheets of specimens for you which
have mailed to-day and by this time I hope
they have reached you safely another packet
be ready. As I have told you before our
cimens are not nearly so good as yours
I shall expect to send you a greater
umber of specimens than we receive from you.
ing the coming winter I shall be able to
you 700 or 800 sheets I hope

Yours Truly
Jas. M. Macoun

No 866

Nov. 20th

Dear Dr. Lindberg

As I mentioned in my last I am working at the Catalogue of the mosses and as I proceed am meeting with occasional difficulties that require a word from you.

(1) I find Cynodontium gracilescens on your list of Canadian species but I have no record of it as my specimens of it are referred to C. schistii by you.

(2) Dicranum falcatum has not been found by me and Lesq. & James statement has no force for Canada. Will I drop it?.

(3) I saw No. 300 of 1880 and one specimen of 497 D. sulcatum, not D. subulifolium and the other of 497 D. sulcatum. The sterile specimen (b) of 497 is the same as D. Muehlenbeckii and is referred to D. elongatum by Lesq. & James Manual, and is referred to D. elongatum by Lesq. & James. No 300 and (a) of 497 are what Lesq. & James make D. fragilifolium but which I think are mostly D. subulifolium.

(4) My specimen of D. rhabdocarpum has become D. congestiforme as I have no locality for the former. Will I drop it?

W 86b

Nov. 20th

Dear Dr. [illegible]

As I mentioned in my last I am working at the Catalogue of the museum and as I proceed am meeting with occasional difficulties that require a word from you.

(1) I find [illegible] [illegible] on your list of Canadian [illegible] but I have no record of it or my specimens of it are referred to [illegible] by you. (2) [illegible] [illegible] has not been found by me and [illegible] statement has no [illegible] for Canada. What I doubt it?

(3) See No. 300 of 1880 and one specimen of 497 not O. [illegible] and the other of 497 O. [illegible]. The whole specimens (b) of 497 is the same as O. [illegible] [illegible] and is referred to O. elongatum by [illegible]. No 300 and (a) of 497 are what [illegible] calls O. [illegible] but which I think are really O. [illegible].

(4) My specimens of O. [illegible] have been O. [illegible] as I have no locality for the former. What I do with it?

[illegible] O. Bergeri et [illegible]

2

(5) Please examine Nos. 6 (1887) 218, 351, 307 (1888) 428 506 (1888) These are all named O. congestum but I believe 506 is not that species and 351 may be O. Lescurii. See if 218 & 307 are O. plano-alare?

(6) Please examine of O. fuscescens Nos. 494, 234, 306 of 1888. I send others with this.

(7) Is not O. fuscescens var. brevinerve No. 281 (1888) and 502 (1888) O. Muehlenbeckii?

(8) Is O. brevifolium, Lindb. as it stands in the flora of Greenland a good species? and is my 505 (1888) that species or a var. of O. Muehlenbeckii?

(9) Are not 623 a & b of 1888 Racomitrium specimens O. Muell.? I am of opinion some of the O. canescens from the west coast are that species.

(10) Is 491 of 1888 O. elongatum? Notice the capsule being so large. May it not be O. subulifolium.

(11) Where was O. Labradoricum found and by whom and where described?

(12) Please look at No 160 of 1887. Is it O. palustre?

I send with this all my doubtful things up to date, you can compare some of the specimens now sent with some you have.

Very truly yours
John Macoun

Dr. N. C. Kindberg
Linköping, Sweden.

2

(5) Please examine Ann 6 (1887) 218, 351, 307 (1887) 428
506 (1889) These are all named O. [illegible] but
I believe 506 is not that species and 351 may be
O. [illegible], but if 218 + 307 are O. [illegible]?
(6) Please examine [illegible] O. [illegible] Nos. 494, 254, 326
of 1888. I cannot agree with this.
(7) Is not O. [illegible] No. 281 (1889)
and 502 (1889) O. [illegible]?
(8) Is O. [illegible], [illegible] as it stands in the
[illegible] of Queensland a good species? and is any
503 (1889) that species or a var. of O. [illegible]?
(9) Are not 6 23 [illegible] of 1888 [illegible] specimens
O. [illegible]? I am of opinion some of the [illegible]
from the [illegible] coast are that species.
(10) Is 491 of 1888 O. [illegible]? [illegible] the capsule big
or large. May it not be O. [illegible]?
(11) Where are O. [illegible] found and by whom and
when described?
(12) Please look at No 100 of 1887. Is it O. [illegible]?
I send with this all my doubtful things of
[illegible] as you can compare some of the specimens now sent with
some of your own.

Very truly yours
[illegible]

To C. [illegible] Esq. [illegible]

No. 867

Ottawa Nov. 22nd

Prof. John M. Coulter
Crawfordsville
Ind.

Dear Sir

With this I am sending you specimens of the Umbelliferae and Cornaceae collected by Prof. Macoun and myself in British Columbia last year. We would be glad to have you determine these whenever you have time to do so keeping the specimens of course and using the numbers on the labels. Are there any other orders or genera upon which you are working of which you would like Canadian specimens?

Yours truly
Jas. M. Macoun
Curator of Museum

Ottawa Nov. 22nd

Rev. John M. Coulter
Crawfordsville
Ind.

Dear Sir:

With this I am sending you specimens of the Umbelliferae and [illegible] collected by Prof. Macoun and myself [illegible] British Columbia last year. The names [illegible] [illegible] [illegible] [illegible] [illegible] the specimens of [illegible] [illegible] the labels. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]!

[illegible]

Yours truly
Jas. M. Macoun
[illegible]

Nov. 87

Nov. 24th

My dear Sir

Your note of Oct. 20th reached me in due season but has remained up till now unanswered. I would like to see that little Labiatae that you speak of.

We had a very good summer and found many fine things amongst flowering plants and very many new mosses. The list of new ones now numbers nearly 200 species. I am engaged on Part VI and would like a list of your mosses with localities and any difficult things you may have. Part V and the list of Hepaticae will be sent out this week. It takes a long time to get our publications through the press.

Very truly yours
John Macoun

John Dearness P.S.I.
London
Ont.

Nov. 24th

My dear Sir

Your note of Oct. 20th reached me in due course but has remained up till now unanswered. I would like to see that little collection that you speak of.

We had a very good summer and found many fine things amongst flowering plants and very many new mosses. The list of our new mosses numbers nearly 200 species. I am engaged on Part VI and would like a list of your mosses with localities and any difficult things you may have. Part V and the list of Hepaticae will be sent out this week. It takes a long time to get our publications through the press.

Jno Dearness P.S.I.
London
Ont.

Very truly yours
John Macoun

Nov. 25th

My dear Madam

With this I send the Western Dicranums. D. leskeoides has become Whippleanum. No. 166 is real D. Vancouverense the other (No. 203) may not be.

Your second letter came today but the specimens have not reached me. I will make a note of all you say regarding the specimens when they come. I may get to the "Great Northern Railway" next September. It is 150 miles from here.

I have another batch of descriptions from Kindberg. He says that your Thamnium Leibergii and my D. neckeroides var. are both T. neckeroides. What say you? Kindberg in an old letter says Austin had sharp eyes. He makes Bryum Rauii a good species and says your Bryum [illegible] and my Mnium simplex are both like B. roseum and my one becomes B. simplex. He seems to think that B. pyriformis and B. Macounii are the same species. I think not. He seems good species.

Very truly yours
John Macoun

Mrs. E. G. Britton, Columbia College N. Y.

Nov. 25th

My dear Madam

With this I send the [illegible]. [illegible] [illegible] No. 166 is not [illegible] the other (No. 205) may not be.

Your second letter came today but the specimens have not reached me. I will make a note of all you say regarding the specimens when they come. I may go to the "Great Smoky Mountains" next September. It is 150 miles from here.

I have another batch of descriptions from [illegible]. He says that your [illegible] and my [illegible] are both [illegible]. [illegible] in an old letter says [illegible] [illegible] had already [illegible]. He makes [illegible] a good species and says your [illegible] like [illegible] and my [illegible] are both good species. They are however [illegible]. I think that [illegible] [illegible] are the same species. I think [illegible].

Very truly yours

Mrs. E. G. Britton, Columbia College N.Y.

Nov. 25th 0

Dear Mr. Cross

Your letter reached me today I thank you very much for it. The information conveyed in it is very interesting. With your permission I will have your notes published in the Ottawa Naturalist as I consider them of more than passing interest.

Do not hurry with your notes as I am now writing up the mosses and these will keep me to spring.

We made a very successful summer and obtained skins of many rare and interesting birds. We had the good fortune to get hybrids of the Yellow-shafted and Red shafted Woodpeckers and have no less than four forms which intergrade. We also obtained a new form of Chic-a-dee closely related to the common one.

Very truly yours
John Macoun

?. W. Cross
265 George St.
Toronto

Nov 25th

Dear Mr. Cane

Your letter reached me today & I thank you very much for it. The information enclosed in it is very interesting. With your permission I will have your notes published in the Ottawa Naturalist as I consider them of more than passing interest.

[illegible] as I am now writing up the [illegible] and this will help me to [illegible].

We made a very successful [illegible] and obtained [illegible] of many rare and interesting birds. We had the good fortune to get [illegible] of the [illegible]. [illegible] and [illegible] which [illegible] and [illegible] those four [illegible] which [illegible]. We also obtained a [illegible] pair of [illegible] related to the [illegible].

Very truly yours
[illegible] Macoun

W. [illegible] Cane Esq.
[illegible]

Nov. 26th

Dear Prof. Penhallow,

Your letter came this morning. In answer I may say that as yet I have devoted very little time to Fungi but have of my own collecting about 700 named species. Of the Genus Erysiphe I have E. communis, lamprocarpa, monilioides (graminis) and three others that are still among my unarranged species.

Mr. J. B. Ellis has named all my Fungi and could give Prof. Burrill more data than I can. Mr. James Fletcher of the Experimental Farm here has been collecting parasitic fungi and may be able to assist.

At present I am immersed in Bryology and have devoted my collecting to that branch of study for the last two years. The results are nearly 200 new species or fully a quarter added to James & Lesq. Manual. If you have Bruch & Schimper's European Mosses in the Library could you lend it for three months?

Very truly yours
John Macoun

Prof. Penhallow
McGill College Montreal.

P.S. Please write my son about the seeds. J.M.

Nov. 26-'11

Dear Prof. Penhallow:

Your letter came this morning. In answer I may say that as yet I have done very little work on the Fungi but have of my own collecting about 700 mounted specimens of the Genus Erysiphe I have 6. communis, lamprocarpa, monilioides (graminis) and three others that are still among my unmounted specim.

Mr. J. B. Ellis has named all my Fungi and could give Prof. Dearness more data than I could. Mr. James Fletcher of the Experimental Farm has been collecting parasitic fungi and may be able to assist.

At present I am engaged in Bryology and have devoted my collecting to that family for the last two years. The results are nearly 300 new species or fully a quarter added to former Catalog. Macoun.

If you have Barnes & Heinrich's European Mosses in the Library could you lend it for this month?

Yours truly,
John Macoun

Prof. Penhallow
McGill College
Montreal.

No 873

Ottawa Nov 27th

Dr. S. H. Wright
Penn Yan. N.Y.
Dear Sir

With this I return your
check list and apologise for having kept it so
long. I have been busy examining our collections &
not seen and neglected this work. I have just
out a few specimens for you which I shall send
to you tomorrow. You will notice that many of the
species I have marked are quite common, specimens
of these that we have [illegible] from, and many of
the [illegible] are of course have in Canada. Our U.S.
collection is kept separate from the Canadian. Many
of the species I have marked we have represented in
our herbarium so send me please only
U.S. specimens. I am pleased to see that so
many of our desiderata are to be had from you
and gladly pleased that I shall have no difficulty

Vol 04

March 27th 90

Dear Mr. [illegible]

Your letter with the notes on [illegible] reached yesterday and I thank you very much for your promptness in giving me the [illegible] and notes. We are still finding additional things and some [illegible]. I am very glad [illegible] I found in the [illegible] 150 miles from the [illegible] and [illegible] [illegible] I am [illegible] I have written to say [illegible] I would like to [illegible] [illegible] for you to [illegible] your [illegible] for [illegible] and I [illegible] your [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I [illegible] [illegible] [illegible] [illegible]

2

making a full return for them. Some
plants are dried under trying circumstances
should our specimens as a whole [illegible]
yours in quality I shall supplement them [illegible]
additional species

Yours sincerely
Jas. M. Macoun
Curator of Herbarium

1874

Ottawa Nov. 27th

Mr. Geo. G. Best
Rosemont
N.J.
Dear Sir

Your letter of the
[illegible] was received yesterday and I was glad to
see that thanks to your help I sent you I
had no trouble in determining the A. C. roses.
Should you desire additional specimens of any
of those already sent you I shall be glad to
send them to you if we have them in stock.
I hardly can agree with you that the shortness
of the season affected the growth of R. [illegible]
just where it was collected is the moment
there were have
[illegible] of Ontario — near Detroit —, thanking you
in little or no frost there yet.
in your determination I am yours truly
Jas. M. Macoun

No 8735

Ottawa Nov. 27th 0

Dr. Sereno Watson
Harvard Herbarium
Cambridge Mass.

Dear Sir

I have just completed the examination of the Polypetalae collected by my father and myself last season and have sent them with a few other plants to you to-day. We would be very glad if when you have time you would determine for us the species of which I enclose a list — returning the list — Should I at any time send you specimens of species of which you would like additional specimens for distribution I shall be pleased when possible to send them to you

Yours sincerely
Jas. M. Macoun
Curator of Museum

Ottawa Nov. 27th

[illegible]

Dear Sir

[illegible]

Yours sincerely

Geo. M. Dawson

[illegible]

No 876

Ottawa Nov 27th

Mr. Lawrence W. Watson

Sec. P.E.I. Nat. Hist. Soc.

Charlottetown, P.E.I.

Dear Sir

In reply to your note of the 24th inst. I beg to say that the [illegible] P.E.I. [illegible] butterflies collected by [illegible] Macoun on P.E.I. [illegible] given to Mr. [illegible] Fletcher the Dominion Entomologist [illegible]. I have sent your [illegible] by above [illegible] a list to send you. [illegible] not [illegible] that a [illegible] of my [illegible] I have [illegible] to [illegible] [illegible] thanks for your [illegible]

Yours truly

Jas. M. Macoun

No. 477

Nov. 27th

My dear Professor

Your note and the three parcels of mosses come in good time. I have only opened the small parcel and find it contains mosses collected in 1869. Evidently they were collected by Prof. Lawson in that year.

I will keep working away at my list and examining the mosses and if you do not get a few back by the commencement of your holidays — drop me a line. In the meantime I will get out duplicates for you so that I may supplement your collections.

I have counted 68 species in my enumeration and have 123 species up to the end of the genera excluding Sphagnum.

Very truly yours
John Macoun

Rev. Prof. Fowler
Queen's College
Kingston

P.S. I will ticket every species as you say and my own Herbarium.

No. 977

Nov 29th

My dear Professor

Your note and the three parcels of mosses came in good time. I have only glanced the moss parcel and find it contains mosses collected in 1857. Undoubtedly they were collected by Prof. [illegible] in that year.

I only hope nothing away at my dispatch examining the mosses and if you do not get a few back by the commencement of your holidays ... there is time the mosses I will get not doubtless for you in that I may supplement your collection.

I have worked hepatics in my ... and have 120 species up to the end of that group excluding Sphagnum.

Very truly yours
John [illegible]

Rev. Prof. [illegible]
Queen's College
Birmingham

P.S. I wish I could [illegible] any species as you may be [illegible]

10878

Nov. 27th

Dear Mr. Pearson

Your note came today and I at once took it to the Librarian who will have the fifty copies sent to your address at once.

When I came back in August I discovered that the pamphlet had been bound without the plates. The whole edition was sent again to Montreal to be re-bound and was only returned last week. Part V has been delayed also but will be sent out with your Monograph tomorrow or Saturday. Besides the fifty copies sent to you 500 others will go now to all the Libraries, Colleges, and individuals to whom or which my Catalogue is sent. Many of my botanical friends in England get the Catalogue.

I am now at work on Part VI which will include Mosses and Liverworts. I have about 800 species of Mosses. Would you like to see specimens of species determined by Underwood and not seen by you? If so I will send them and will print any note you may make on them. Amongst my collections recorded by you you may make ... As you are aware Prof. Underwood

Nov. 29th

Dear Mr. [illegible]

Your note came today and I at once took it to the Librarian who said that the fifty copies each of your articles [illegible] at once.

When I came back in August I discovered that the pamphlet had been bound without the plates. The extra copies were sent [illegible] to Moxbaum to be re-bound and were only returned last week. Partly [illegible] has been delayed also but will be sent next week [illegible] your Monograph tomorrow or Saturday. [illegible] the fifty copies each to you. The other will go [illegible] to all the Libraries, Colleges and individuals to whom [illegible] which my Catalogue is sent. Many of my [illegible] friends [illegible] Employment [illegible]

I am now at work on Part II which will include Mosses and Liverworts. I have about 100 species of Mosses. Would you like to see specimens of these determined by Lesquereux and [illegible] by [illegible] through my [illegible] by you [illegible] and these and [illegible] any [illegible] me them. Do you [illegible]

2

has examined the collections of 1888-89-90 and has found a number of species not in your list besides others that you record but that I did not send you. A number are Greenland species from our high Mountains.

Hoping your eyes are all right again. I remain

Very truly yours,

John Macoun.

W. H. Pearson Esq.
3 The Polygon
Eccles
Manchester
England

P.S. The parcel has not reached me yet but will likely in a day or two. Thank you very much for it. J.M.

has examined the collection of 1888-89-90
and has found a number of species not in your
list besides those that you record but that I
did not record for you. A number are Greenland
species from our high Mountains.
Hoping your eyes are all right
again. I remain
Very truly yours
John Macoun.

C. M. Beaven Esq
3 [illegible]
Eccles
Manchester
England

P.S. The frost has not reached me yet but will
likely in a day or two. Thank you very
much for all. J.M.

No 879

Nov 27th

Dear Dr. Watson

Today my son sends a parcel of plants part of which are referred to in a list which he sends. Would you kindly look over these and let us know your opinions as soon as convenient.

I want particularly your opinion on many forms of R. occidentalis. Aquilegia flavescens (?) I consider a new variety at least. Pyrus [illegible] is certainly not the P. [illegible] of the Arctic regions. The Caralin? (No 18) is beyond me. I believe it to be a [illegible] new [illegible] but [illegible].

You have an Astragalus of mine which I sent in 1885 that you named A. [illegible] but I cannot agree with you. I now send the same species as [illegible].

Have you not two species of Saxifraga from me under the name of S. occidentalis. The one I send now (No 36) is exactly Greene's S. Californica and your S. occidentalis is the species with the ferruginous tomentum under the leaf sent in 1887.

Nov 27th

Dear Dr. Watson

Today my son sends a parcel of plants
part of which are referred to in a list which he
sends. Would you kindly look over them and
let us know your opinion as soon as convenient.
I want particularly your opinion on my
form of R. occidentalis. Asplenium [illegible] (a)
[illegible] a new variety at least [illegible]
is certainly not the A. [illegible] of the [illegible].
The [illegible] (No. ?) is beyond me. I believe it
to be a [illegible]
You have no duplicate of mine which I sent
in 1885 that you named [illegible]
[illegible] I may send the same again or both.
Have you not [illegible]
[illegible] the name of R. occidentalis. We can find
[illegible]
[illegible]
[illegible] in 1867.

2

Many of our northern forms do not seem to be identical with the species which passes for them south of Lat. 49°. Where are the types of Torrey and Gray's Flora and Nuttall's species? I am becoming satisfied that many of the old names will have to be revived as we have in our collections now many forms that will not fit in with many of the descriptions published in the last 30 years. If you have the types I mention I may go down to Harvard for a couple of weeks next February and with your help work over some of our difficulties.

Very truly yours
John Macoun

Mr Sereno Watson
Cambridge
Mass

P.S. I have a married daughter living in Boston now, J.M.

Nov. 29th

My dear Professor,

Your letter the 23d inst. was duly [illegible] and would have been answered at once but I was at work on the specimens and wished [illegible] before writing. I return the box today and have [illegible] in pencil the names of all the native plants where these had no names or were incorrectly written. The garden flowers I left as they were having no means of identifying them. I would advise you to have some person to go over the whole [illegible] -ection with my catalogue and gather all the diffe[illegible] species of the various genera together. After this [illegible] would get better paper of the proper size and [illegible] a sheet of the best specimens of each species and throw the remainder away. Most of the garden plants are named correctly in some part of the collection and these also should be gathered together and the best taken and the others destroyed. By doing this you will get your collection in shape and have

Nov. 29th

My dear Professor

Your letter the 23d inst. was duly re[illegible]
and would have been answered at once but
I was at work on the specimens and wished to [illegible]
before writing. I return the [illegible] today and have ma[illegible]
in pencil the names of all the native plants where
there had no names or were incorrectly written.
The garden flowers I left as they are having
no means of identifying them. I would advise
you to have some person to go over the whole and
collate with my catalogue and [illegible] all the [illegible]
species of the Hawaiian flora [illegible]. After this I
would get better paper of the proper size and mount
a sheet of the best specimens of each species and
throw the remainder away. Most of the garden
plants are named correctly in some part of the
collection and these also should be gathered together
and the best taken out the others discharged. By doing
this you will get your collection in shape and have

2

a herbarium of value. Specimens without localities are of no use and should not be retained after you get others from certain localities.

I may now say why the specimens were so long here. When the box reached Ottawa it was placed in a room with the mineral specimens where they remained until some time last summer. I left for the west in April and only saw them for the first time late in October. Since then I have been working at them as opportunity offered and completed the work today. The box will be off for the Express Office this P.M.

I reached Ottawa in August but went out to Lake Erie and did not commence work in the office until late October.

I named one specimen S[illegible] g[illegible] which is S. latifolia. It has petioled leaves. Please let me hear from you after you have gone over and separated the specimens into their proper orders. You have my Catalogue of Canadian Plants?

Very truly yours
John Macoun

2

a collection of value. Specimens without locality are of no use and should not be returned after you get others from certain localities.

I may now say why the specimens were so long here. When they reached Ottawa it was placed in a room with the mineral specimens where they remained until some time last summer. I left for the west in April and only returned for the first time late in October. Since then I have been working at them as opportunity offered and completed the work today. The box will be left for the Express office this P.M.

I reached Ottawa in August but went west to Lake Erie and did not return until the middle of last October.

I removed one specimen Scutellaria galericulata which is S. lateriflora. It is labelled wrong. Can I ask one favour from you after you have done one and afterwards the specimens with their proper names. You have my Catalogue of Canadian Plants? Very truly yours John Macoun

Nov. 29th

Rev. Joseph C. Carrier
St. Laurent. Que.

Dear Sir

Your letter of the 22nd inst.
received some time ago but was not answered
once as I knew my father was working at your
plants and would soon have the work completed.
I send you with this a copy of my check-list
Canadian Plants. If when you have time
you will mark in it the ~~specimens~~ species represented
your herbarium and return the list to me
it will give me great pleasure to send you
[illegible] plants to supplement
[illegible] and their packets of [illegible] to send
in collection. We are always pleased to [illegible]
specimens to any institution where they will be of [illegible]

Yours truly
Jas. M. Macoun
Curator of Herbarium

No 883

Dec. 3rd 0

Dear Prof. Bailey

Your kind note came this morning and I was glad to learn that you approved of the two new forms of <u>C. canescens</u>. I am pleased to learn that you saw the type of <u>C. miliaris</u>. I will make the proper correction in the next addendum, as also in the spelling of <u>C. [illegible]</u>.

During the past summer I collected Carices as usual and my son did the same. We may have a interesting things when we work them.

I am now at work on [illegible]. We have found have 178 new species to add to science as well as many others to American Bryology. Dr. Kindberg and C. Muller are at work on them, as well as Ren. & Card.

Very truly yours
John Macoun

Prof. L. H. Bailey
Cornell University
Ithaca N. Y.

1883

Dec. 3rd

Dear Prof. Bailey

Your kind note came this morning and I was glad to learn that you approved of the two new genera of C. Cucurbitaceae. I was pleased to learn that you saw the types of C. [illegible]. I will make the proper correction in the next [illegible] dendron, as also in the spelling of C. [illegible].

Drawing the first drawing I [illegible] as [illegible] and my own [illegible] the same. The [illegible] have a interesting things there are [illegible].

I am now at work on [illegible] to [illegible] have 179 new species to add to [illegible] others to Cucurbitaceae Bryology. [illegible] and [illegible] Mueller are at work on these, as well as [illegible].

Very truly yours
John Macoun

Prof. L. H. Bailey
Cornell University
Ithaca N.Y.

No 884

Dec. 5th 90

Dear Prof. MacBride

Some time since I received No. 1 of Vol. II of the Bulletin of your University for which I now thank you very much.

The Monograph of the Pselaphidae is very interesting. Prof. J. D. [illegible] of Belleville, Ont. Canada and Mr. W. Hague Harrington of P. O. Department Ottawa have collected extensively in this [illegible] have many fine specimens. Mr. [illegible] ought to know about their collections. As the Monograph takes in all North America I thought some Canadian species would have been mentioned.

A few days since I sent Part [illegible] of my Catalogue of Canadian Plants and a list of [illegible] [illegible] I hope you have received. I would be glad if you could write a few lines to the Popular Science Monthly regarding them. Prof. [illegible] had [illegible] sent to him also.

Very truly yours
John Macoun

T. H. McBride
Iowa University
Iowa City, Iowa

No 884

Dec. 3rd 90

Dear Prof. MacBride

Some time since I received No 1 of Vol. II of the Bulletin of your University for which I now thank you very much.

The monograph of the Coccinellidae is very interesting. Prof. J. B. [illegible] of [illegible], [illegible] and Mr. W. Hague Harrington of the P. O. Department Ottawa have collected extensively in this group and have many fine specimens. Mr. [illegible] might be [illegible] to [illegible] about their attention to the monograph [illegible] take in all North American [illegible] species would have been [illegible].

A few days since I sent Prof. [illegible] of my [illegible] of Canadian Plants and a list of Myxomycetes which I hope you have received. I would be glad if you could write a few lines to the [illegible] Prof. [illegible] monthly regarding [illegible].

I remain Dear Sir

Very truly yours

John Macoun

T. H. McBride

Iowa University, Iowa

Iowa City

No. 885

Dec. 3rd 90

Dear Mr. Ellis

As you are aware it is a long time since I wrote you. Since then I have been very busy. When I finished Part V of my Catalogue of Canadian Plants last spring I set to work putting the material for Part VI in shape. As this Part will be mosses and liverworts I set myself specially to collect them the past two seasons. I have been doing good service as I have discovered no less than 179 species new to science during the last five years. Dr. Kindberg and C. Mueller are at work on them. Next summer I hope to be at home or in Ontario collecting and if so will spend much time collecting Fungi as I must catalogue as many as we know in a year or two. All my [illegible] are still safe and may be got at before spring.

I am glad that Dearness of London has gone [illegible] collecting fungi as [illegible] is a sharp sighted fellow and has found some good things [illegible] I'm going over your new species of Mosses.

No. 285

Dec. 2nd 90

Dear Mr. Ellis

As you are aware it is a long time since I wrote you. Since then I have been very busy. When I finished Part V of my Catalogue of [illegible]

[illegible]

2

that Mr. Dearness has found no less than 24 species and my find in the same line is seven species. Not a bad showing for the two of us.

I thank you very much for the pamphlets received today but especially for the biographical sketch of your life. You are two years older than I am and like me has gone through the school of hard work. Some day I must give you a page or two of my history. Long may you live to keep us up to the mark in mycology.

From what Mr. Dearness has done there is no doubt but there are many interesting things in Canada yet to find and make known. I must have many things you would desire to have and when convenient put the names on a sheet and send it to me and I will get out the lot before spring.

I collected a few things the past summer which I will send down shortly.

Wishing you long life and much happiness. I remain as ever Very truly yours

John Macoun

P.S. My health is completely restored

J. B. E. Ellis
Newfield
N. Jersey

2

that Mr. Cameron has found me [illegible] 24
years and my friend is the same [illegible]
[illegible]. But a long schooling for the two of us.

I thank you very much for the pamphlets
received today but especially for the biographical
sketch of your life. [illegible]
[illegible] and like me has gone through the school of
hard work. Some day I must give you a page
or two of my history. Long may you live
to [illegible] in the work in Geology.

[illegible] that Mr. Cameron has [illegible]
no doubt but there are many interesting things
in Canada yet to find and work [illegible] I
must have many things you would [illegible]
and [illegible] that the [illegible]
and send [illegible] and I [illegible]
[illegible].

I collected a few things the past summer
which I will send [illegible].
Wishing you long life and
[illegible]. I remain as ever truly yours

[illegible]

[illegible] in Geology [illegible]

[illegible]

1886

Nov. 25th

My dear Dr. Hinckley

The additional manuscript of the new descriptions reached me safely on the 24th inst. Very many thanks for your promptness.

(1) Have I the description of Cinnamomum ... ?

(2) In your list you have left out Pinnisetum ... and ... and included P. ... The latter I know nothing of. The former are Nos. 12, 565, 600 and 554 and 36 of this year.

(3) Mrs. Britton has been in communication with Mr. ... about my P... intermedia. Both seem to think it is ... new ... and Mrs. Britton names it P. ... Another and you agree, while she says it is ... Please have another look at it. It is No. 62. ... and No. 563 of 1888. Also I drop P. ... as I have no locality for it.

(4) No. 220 of 1887 and 563 of 1888 are the same plant. No. 330 of 1888 you make P. Littoralis, with my opinion as I have distributed both these as No. 62. I find the specimen of No. 62 examined by you was referred to P. riparia so that this (No. 62) is pretty well mixed.

Nov. 22nd

Dear Dr. [illegible]

The instalment manuscript of the new descriptions reached me safely on the 24th inst. Very many thanks for your promptness.

(1) [illegible] description of [illegible]

In your list you have left out [illegible] and [illegible] [illegible]. The

[illegible] I [illegible] nothing [illegible] [illegible]

[illegible] and [illegible]

[illegible] [illegible] correspondence with [illegible]

about [illegible] [illegible]. [illegible]

[illegible] and [illegible] [illegible]

[illegible]

[illegible]

[illegible] 1888. [illegible]

[illegible]

(2) No. 220 of 1887 and 253 of 1888 [illegible]

[illegible]

[illegible] No. 62. [illegible]

No. 62 [illegible] by you [illegible]

[illegible] (Bruz) is [illegible] and [illegible].

2

(5) Is [illegible] tenue [illegible] (No 103 1880) Trich. [illegible] tenue [illegible], referred to in [illegible] James as Type 180? Please look at No 480 of 1888. You make it [illegible] with a query.

(6) I have not been able to find the description of [illegible] campotothecium nor have I been able to find the duplicate specimen. Where was No 576 of 1888 from.?

Your card came last week and the letter of Nov. 18th today (December 2nd). Thanks very much for your letter and the information contained in it. Do not hurry about answering my questions nor [illegible] [illegible] more [illegible] till you get more light. I will keep sending notes and specimens as they come up, in my work and as I keep a copy they can be referred to any time. I am glad I obtained good specimens of Hypnum Macounii I hoped it was that when I sent it to you

2

(5) The [illegible] (1883–1890) [illegible]
[illegible], referred to in my [illegible]
[illegible] 1888 [illegible]
[illegible]

(6) I have not been able to find the description of
[illegible], we have been
able to find the [illegible] specimens. These are
No. 576 of 1884 [illegible].

Your letter came last week and the
letter of Nov. 13th today (December 2nd). Thanks
very much for your letter and the information
contained in it. Do not hurry about answer-
ing my questions [illegible]
till you get more light. I make [illegible]
notes and specimens as they come up [illegible]
my records and as I keep a copy they can
be referred to very soon. I am glad to [illegible]
learned [illegible] specimens of [illegible] "[illegible]"
I hope it was [illegible] that [illegible] found it [illegible]

3

Since I sent the question about Ulota americana you answered it by describing U. scabrida. I will change Heterocladium [illegible] to the above name, Am. & Cards. I am very glad so many of the new species stand.

Any of the species of which you have too little material could now be sent as I am at home and can send at once what you want. I would like a specimen of Barbula macrorhyncha.

The parcel sent today covers the ground up to Barbula.

I have no record of Leptobarbula berica nor of Barbula aloides. Who found them and where?

Very truly yours
John Macoun

Dr. N. C. Kindberg
Linköping
Sweden

Sent Dec. 5th 1890

No 88 [illegible]

Ottawa Dec. 9th 90

Mr. Fred. V. Coville
Dept. of Agriculture
Washington D.C.
Dear Sir,

Our Canadian Juncaceae go to you tomorrow including our collection of this year which we hoped to get ready this afternoon. We have also an almost complete set of the [illegible] of the U.S. many of them collected by the older American botanists. If there are any that you [illegible] to look on them also? Would you have time to look on them tomorrow
Prof. Macoun will write you tomorrow

Yours truly
Jas. M. Macoun
Curator of Herbarium

[illegible]

Dec. 4th [illegible]

My dear Sir

Your note came this morning with the dollar enclosed. I am glad you are pleased with the Catalogue. I am now working on Part VI which includes the Mosses and Liverworts. There will be over 1000 species in it.

The Catalogue was sent to your [illegible] at the same time it was sent to you [illegible] it was addressed to the C.P.R. Offices at Montreal, and be lying there now.

Very truly yours
John Macoun

Henry Mott B.A.
McGill College
Library
Montreal

Dec 4th

My dear Sir

Your note came this morning with the letter enclosed. I am glad you are pleased with the Catalogue. I am now working on Part VI which includes the Arms and Armour. I hope to come soon again in it.

The Catalogue was sent to you registered at the same time it was sent to you. It was addressed to the C.P.R. Offices at Montreal, and be lying there since.

Very truly yours
Alfred [illegible]

Henry Mott D.D.
McGill College
Library
Montreal

No 889

Ottawa Dec. 2d

Prof. W. J. Beal
Agricultural College
Mich.

Dear Sir

Your letter of Nov. 17th
addressed to my father was accompanied by the list
of grasses etc. we received some time since but we [illegible]
I would return the list having marked the species of
which we would like herbarium specimens, we have as yet
[illegible] [illegible] [illegible] [illegible]. I have
[illegible] [illegible] nearly all the native American grasses
[illegible] a little special [illegible] plants laid aside for
you and am adding to it from time to time. [illegible]
will be sent to you shortly, with many thanks for
your kind offer I am

Yours Truly
Jas. M. Macoun

No-810

Dec. 6th

My dear Madam

Your kind letter of Nov 22nd came a few since and yesterday "The Christian Register" came also. I think you were quite right in your criticism on Arbutus. I know little myself but pronounced it Arbutus.

In Nova Scotia it is always pronounced Arbutus because the people there are English [illegible]. On the other hand it is Arbutus here and in Prince Edward Island.

I see Gray accents Arbutus [illegible] changes it into English but this and [illegible] are the only ones I know

I may write you further regarding this as I [illegible] that the word is many ways [illegible] how our people pronounce it.

I am glad the plate pleases you I am now [illegible] working at [illegible] – the moss and hope to have [illegible] of the figures. I have many new species.

Very truly yours
John Macoun

Maria L. Owen
Springfield. Mass.

Dec. 6th

My dear Madam

Your kind letter of Nov 23rd came a few days ago and yesterday "The Christian Register" came also. I think you are quite right in your criticism on Catechu. I have little sympathy for [illegible] pronouncement of Catechu.

Yes. Many doctors [illegible] it is always pronounced Catechu because the people [illegible] in English "[illegible]". On the other hand it is Catechu [illegible] [illegible] [illegible] school.

I see Dr. [illegible] [illegible] Dictionary [illegible] the change it into English [illegible] Catechu [illegible] the only one I know.

If I may write you further regarding this as I [illegible] and in many ways [illegible] [illegible] people pronounce it.

I am glad the plate [illegible]. Thank you [illegible] [illegible] of [illegible] — the [illegible] and [illegible] [illegible] [illegible]. I [illegible] very [illegible] again.

Very truly yours
[illegible]

Mrs. C. [illegible]
[illegible], Mass.

Dec. 5th

My dear Mr. Coville

We have ~~today~~ sent off to you in a box all our mounted specimens of J[illegible] wish you to see them all.

Besides these my son has put up a set of all the Junci and Luzulæ found the past season. In sending your determinations of the unmounted Junci & Luzulæ please send the names by number as you find them on the specimens.

Make your notes in pencil on the sheets of the mounted specimens and should there be any forms of which you desire specimens let me know as we have numerous duplicates of many of the species.

Return the specimens as soon as you are through with them, in the same box.

With kind regards to Dr. Vasey

I remain truly yours

John Macoun

Mr. Fred. V. Coville
Washington D. C.

Dec. 5th

My dear Mr. Lovell

We have today sent off to you in a box all our unnamed specimens of fungi as we wish you to see them all.

Besides these my son has put up a set of all the genera and subgenera found the past season. In revising your determination of the unnamed genera & subgenera please consult these by numbers as you find them on the specimens.

Make your notes in pencil on the slips of the unnamed specimens and advise the only favors of which you desire specimens, as we have numerous duplicates of many of the species.

Return the specimens as soon as you go through with them, in the same box.

With kind regards to Dr. Gray

I remain truly yours

Fred Maurer

Mr. Fred. A. Lovell
Washington D. C.

No 842

Dec. 9th 0

Dear Mr. Small

Your note with enclosure came today. In answer I may say that my Catalogues are not distributed gratuitously. They are sent to all colleges, and Public Libraries in Canada and to many others in every part of the world. Besides these all active botanists in America and Europe receive them and in exchange they get their publications.

I am sorry to say that in the whole great province of Ontario I have received no help in my work except from [illegible], yet many seem desirous of getting the Catalogue for nothing, when it can be obtained at the nominal price of twentyfive cents per copy which is much less than one half the cost, leaving out my work altogether. The five parts can be obtained from the Librarian for $1.25

Dec. 9th

Dear Mr. Lovell

Your note with enclosure came today. In answer I may say that my Catalogues are not distributed gratuitously. They are sent to all colleges, and Public Libraries in Canada and to many others in every part of the world. Besides these all active botanists in America and Europe receive them and in exchange [illegible] their publications.

I am sorry to say that in the great province of Ontario I have received no help in my work except from the [illegible] yet many seem desirous of getting the Catalogue for nothing, when it can be obtained at the nominal price of twentyfive cents for each which is much less than one half the cost, leaving out my work altogether. The five parts can be obtained from the Librarian for $1.25

and surely this should prevent no one who really desired to have the work from procuring it. Dr. Selwyn allows me to send it to every one who assists me in gathering a more accurate knowledge of our flora and the Librarian is authorized to send it to all places and persons from whom we receive publications.

I have written at some length so that you may know exactly what we do and why we object to give the publications away for nothing. To sum up any person who deserves the work gets it for nothing and all others can procure it for a nominal sum.

I have the honor to be
Sir
Your Obedient Servant
John Macoun
Naturalist

Jno Small M.P.
Toronto
Ont.

and surely this should prevail over one
other merely desire to have the work done for-
warding it. Mr. Selwyn allows me to send
it to every one who assists me in gathering
a more accurate knowledge of our flora and
the Herbarium is authorized to send it to all
places and persons from whom we receive
publications.

I have written at some length so
that you may know exactly what we do
and why we object to give the publications
away for nothing. It seems to me every library
who desires the work gets it for nothing
and all others can procure it for a moderate
sum.

I have the honor to be
Sir
Your Obedient Servant
John Macoun
Naturalist

2nd Barnet M. P.
Toronto
Ont.

No. 893

Dec. 9th

Dear Professor Penhallow

Your note has been received and in answer I may say that I wrote you a short time since telling you I was working on Part VI, which was to include Mosses and Liverworts. I propose keeping the [illegible] remaining Cryptogams [illegible] apart from what has been published and [illegible] numbering from one upwards again. [illegible] -denda to Parts I–V will be kept [illegible] and published about every two or three years.

I may possibly not have mentioned the fact of being engaged on Part VI [illegible] for Schimper's Mosses. I have [illegible] new to science. These will all be described [illegible]

Very truly yours
John Macoun

Prof. D. P. Penhallow
McGill College
Montreal

P.S. I will return the collections of mosses before spring. J. M.

Oct. 9th

Dear Professor Penhallow

Your note has been received and in answer I may say that I wrote you a short time since telling you I am working on Part VI, which is to include Mosses and Liverworts. I propose keeping the remaining Cryptogams apart from what has been published and then numbering them [illegible] again. [illegible] -dendum to Parts I–V will be kept up [illegible] and published about every two or three years.

I may probably not have something [illegible] part of [illegible] engaged on Part VI with Mr. [illegible] for Schimper's Mosses. I have not [illegible] time to [illegible]. These will all be [illegible] in [illegible].

Yours very truly
John Macoun

D. P. Penhallow
McGill College
Montreal

P.S. I will return the collection [illegible] early spring. J.M.

No 844

Dec. 5th [illegible]

My dear Burgess,

Your card was completely overlooked until now. I am sorry to say that no extra copies were struck off of Part V. As you are aware the printing was done in my absence and when I reached home they had actually bound Pearson's List without the plates. The whole issue had to be sent back and rebound. So far I have only obtained [illegible] of Part V for myself but will see [illegible] if I have not a right to buy a dozen. I will send the extra copy tomorrow as I am [illegible] for a fight with [illegible] over the [illegible] of my Catalogues. Up to the present I have had some show but now I have none.

I am busy with Part VI [illegible] 200 species of mosses now to examine [illegible] descriptions will be in Part VI. I hope you are over your heavy work.

Very truly yours
John Macoun

Burgess M.D.
Prot. Insane Asylum Montreal

Dec. 7th

My dear [illegible].

Your card was completely overlooked until now. I am sorry to say that no [illegible] were struck off of Part V. The present [illegible] was done in my absence and when I reached home they had already [illegible] without the plates. The whole issue had to be put back and [illegible]. As for [illegible] I have only [illegible] of Part V for [illegible] but [illegible] as I have not a right to keep a [illegible]. I [illegible] and the entire [illegible] for a [illegible] of my Catalogue. [illegible] since then — but now I have [illegible].

I am busy with Part VI. [illegible] 200 species of [illegible] [illegible] will be in Part VI. I hope you are well.

Yours heartily

[illegible]

Very truly yours

[illegible]

No. 476

Ottawa Dec 9th 90

Prof. John M. Coulter
Crawfordsville, Ind.
My Dear Sir

Your letter of the 1st inst was received a few days since and I am pleased to learn that we had again added a few species to our Canadian flora. My father joins with me in thanking you for your determinations of the specimens marked No. 8. I sent you half of all I [illegible], but am nearly at home to name the [illegible] also specimens that I brought home with me. I [illegible] I had been [illegible] this I before I [illegible] for I. It happened that on that day [illegible] gentleman living at [illegible] who is [illegible] and I shall write him to [illegible] later in the season next year.

I am Yours sincerely
Jas. M. Macoun
[illegible]

No. 117

Dec. 9th 90

My dear Sir

Some time since I had your letter and list but the specimens have not turned up yet. Today I had your circular and list of members of the new Club.

I have read over the provisions and prospective arrangements and intentions [illegible] and cordially agree with it all. Of course you will have suggestions from [illegible] Club I advise you and Mr. Clemens to carry out your own views for the next two years. As it is probable I will collect in Ontario next year I may be of some assistance in working out the range of some species. I will assist the Club in every way.

Very truly yours
[illegible]

J. Morton, B.A.
Barrister
Wingham
Ont.

[illegible]

Dec. 9th 92

My dear Sir

Some time since I had your letter and [illegible] that the [illegible] have not [illegible] of it. To-day I had your [illegible] and list of numbers of the new Books.

I have read over the particulars and [illegible] arrangement and [illegible] and cordially agree with it all. [illegible] you will have suggestions from [illegible] that it [illegible] you and Mrs [illegible] to [illegible] were [illegible] for the next few years [illegible] particularly I will attend in [illegible] I may be of some assistance in [illegible] the [illegible] again. I will [illegible] the Books in every way.

Yours very truly

[illegible]

No 828.

Dec. 8th 90

Dear Dr. Britton

The box came in good order and contains many specimens of much value to me for which we thank you. I especially thank you for the Catalogues you so kindly sent. The books I gave the Librarian who has doubtless acknowledged them before this time.

I agree with the change of the [illegible] Nuttall's name must be revived. [illegible] I wrote Mr. Watson about reviving his name but have not heard from him [illegible]. I asked him about Nuttall's type name.

Thanks for the reprint of the [illegible] in the last Bulletin. I have at least half a dozen of the April number I will send to you.

My son is sending you some specimens and I have included Polygala, [illegible] and Oxytropis, I am glad you are taking up the last forms. You will see what I [illegible] O. campestris var. [illegible]. I believe there are

Dec. 9th 90

Dear Dr. [illegible]

The box came in good order and [illegible] many specimens of much value to me for which I thank you. I especially thank you for the [illegible] you so kindly sent. [illegible]

[illegible]

I agree with the change of the [illegible]

[illegible]

Thanks for the [illegible]

[illegible]

My son is sending you some specimens and I have included Polygyra, [illegible]

[illegible]

2.

[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible]
Compositae. I [illegible] you may [illegible] it.

Of some of the [illegible] asked for as being in Proof as we have in duplicate collected by [illegible] some of the others were not gathered by us and hence are not in duplicate. I obtained better specimens of the Rafflesia last summer. I think we have full grown seeds. You may notice I [illegible] two new varieties of [illegible] [illegible]. Prof. [illegible] writes that he is glad I did so as he intended doing it himself.

I am much pleased to learn your kindly sentiments about my botanical work. It is the work I have set myself to do and if I live I will, at least, make a foundation for others to work upon. We are getting together a grand collection of [illegible] plants. [illegible] this year we have many additional species. One which I take to be an [illegible]. Prof. [illegible] says he can't even guess at.

I am working slowly [illegible] the mosses and am sending to [illegible] for [illegible] where I think he has made a mistake [illegible] it will surprise some of our friends. Very truly yours, [illegible]

(P. v. [illegible] [illegible] [illegible] College.)

No. 329

Dec. 9th

Dear Dr. White

Your letter of the 4th inst. has been received. Parcel was dispatched about two days ago but your name seems to have been omitted. It is sent from the Library today.

I think I will collect in Ontario next year and if so will give the boys a chance to collect [illegible] many things. When the time comes I will [illegible] them how to take care of [illegible] in the [illegible]. [illegible] the collection comes down I will [illegible] and returns it. I may not name [illegible] the Fungi but have little doubt about the return.

Before starting I will [illegible] order so that I can commence [illegible] as soon as the snow is off. [illegible] boys can [illegible] out [illegible] the time in the Park and [illegible] bread [illegible] and dead sticks and [illegible] get many Lichens and Fungi [illegible]

Dec. 9th

Dear Dr. [illegible]

[illegible]

2

bands. In every case they must keep an exact duplicate of what they send me and all must be numbered consecutively. I will keep the specimens sent to me and they will keep the one with the same number. I will answer by number. During the past year I have sent no less than 761 packets [illegible] of names to teachers. In every case I mount a specimen with my number on it and when the name is sent I put it under the speci-mens. Sometimes the name was changed three times and every time I changed the name on my specimens. I mention this to show what we all have to do. Some of the specimens I receive from the boys I may name and then send them away for verifications so that some of your boys' speci-mens may be named twice [illegible]. As a result of my work I have nearly [illegible] species of mosses [illegible] new to Science.

Very truly yours
J. [illegible]

J. E. White M.D.
128 Carlton St.
Toronto

Ottawa Dec. 11th

Dr. N. L. Britton
Columbia College
New York.
Dear Sir

A box of specimens has been sent you to-day which contains some mounted sheets of Polygala, Desmodium, and Oxytropis as well and a packet of specimens for your herbarium. Kindly mark on the sheets any changes you make [illegible] I notice that you made no changes in the [illegible] [illegible] returned — [illegible] [illegible] consider the specimens [illegible] from that that you [illegible] I am [illegible] that the [illegible] correctly named? [illegible] in the [illegible] [illegible] you [illegible] in this [illegible] and my [illegible] have never [illegible] in this [illegible] of late years so that we have [illegible] all sent [illegible] in stock and there [illegible] from us [illegible] you. You may remember that you [illegible]

Ottawa Dec. 11th

Dr. N. L. Britton
Columbia College
New York.
Dear Sir

A box of specimens [illegible]

[illegible]

2

specimens of Rhododendron marked Menzies var. albiflorum!
You suggested [redacted] this might be but an albino form.
The specimens sent you were collected by my father
in 1885 and I found this for the same form in
abundance in many places in the Rocky Mts. but
never any other form of Rhododendron.

I enclose a list of species on which we would like
your opinion. Please return the slips I enclose when
you have had time to look over the specimens and
should you notice any names [redacted] are incorrectly named
we shall be greatly obliged if you will make a note of
it. The Pentstemon seems to me quite different from
Nelson. The Pedicularis I have been growing [illegible]
medicinale L. which I have seen [illegible] of it [illegible]
Bay. I found but one [illegible] that it is rare in [illegible]
so that there is no doubt but [illegible] Dulce ? my father
mountains. The specimens marked [illegible] sent to Dr. Watson.
can make nothing of. It has been [illegible] in Golden B.C.
All the specimens collected by us

3

this year some of the forms I send you. We would
particularly like your opinion on the Astragalus from
Michipicoten Harbour ([illegible] & [illegible]). My father
collected it at the same place in 1885 when it
was named A. alpinus by S. Watson but it was not
put with A. alpinus in our herbarium. The little Primula
was collected by me in 1887 on Hudson Bay and
was very abundant among the debris at the foot of
a clay cliff. It was named P. farinosa by Dr. Gray but it
is so different in habit and appearance [illegible] that I
[illegible] [illegible] I should like to [illegible]
too [illegible] plant separate. [illegible]
you but a small part of the specimens you ask
for but what we have will be sent with [illegible]
contributions to your herbarium. Do not hesitate to write
[illegible] you want. [illegible] from our herbarium
for many things you
a duplicate

Yours sincerely
Jos. M. Macoun
Curator of Herbarium.

Dec [illegible]th 90

Dear Dr. Watson

Your kind note and the corrections of the list of specimens have been received and carefully read and the specimens compared. I now recognize Astragalus Robbinsii var. occidentalis and see that some of my Rocky Mountain specimens of 1885 were referred to A. alpinus. I thought the Oxalis? was [illegible] humile. I am glad you make it so. The Silene bearing my name as it has given so much trouble. As soon as my son gets through the Compositae he will send you another batch of specimens as we have some additions to that section this year.

We have the fruit of the new Rubus this year. You will get that also.

With many thanks for your kindness. I remain sincerely yours.

John Macoun

Dr. Sereno Watson
Cambridge
Mass.

Dec. 11th 90

Dear Dr. Watson

Your kind note and the corrections in the list of specimens have been received and carefully read and the specimens compared. I now recognize Astragalus [illegible] as occidentalis and see that some of my Rocky Mountain specimens of 1885 were referred to A. alpinus. I thought the Oxalis was [illegible]. I am glad you made it the Silene, [illegible] my name as it has given so much trouble. As soon as my own gets through [illegible] we will send you another batch of specimens as we have some additions & that [illegible] this year.

We have the fruit of the new Delphinium this year. You will get that also.

With many thanks for your kindness. I remain sincerely yours.

[illegible]

Dr. Sereno Watson
Cambridge
Mass.

Dec. 11th 90

Dear Dr. Underwood

With this I send my Photo as you desired to have it. Please keep me in remembrance and send me yours.

I believe I found no more of the new L. this year so what I have you may get as a present if you so desire. I believe it would be better for me to issue my Liverworts separately as my specimens are all Canadian and will in no sense interfere with your distribution.

My Sphagna are all being examined by Warnstorf and I find many additional forms enumerated by him.

As soon as I hear from you I can send you another lot of this year's Hepaticae.

Very truly yours
John Macoun

Dr. L. M. Underwood
4 Sacramento Place
Cambridge
Mass.

Dec. 11th '90

Dear Dr. Underwood

With this I send my Photo as you desired to have it. Please keep me in remembrance and send me yours.

I believe I found no more of the new [illegible] this year so what I have you may get as a present if you so desire. I believe it would be better for me to [illegible] my [illegible] as [illegible] my specimens in all Hepaticae and ask you to name some [illegible] with your distribution.

My [illegible] are being examined by [illegible] and I find many additional forms recognized by him.

[illegible] as I have from you I [illegible] you another list of this year's [illegible].

Very truly yours
John Macoun

Dr. L. M. Underwood
[illegible] Place
Cambridge
Mass.

Dec. 11th o

Dear Mr. Alexander

Your note came in due time and I handed it to the Librarian who said he would write you, and send Parts I + V. There should also have been a list of Hepaticae sent with the Catalogues.

As I have not your note I cannot answer it but I thank you very much for sending me the Proceedings of the Hamilton Association. I think the new Club will be a success. I am now going over Mr. Morrison's herbarium and will return it very soon. He has a very fine collection and nearly all correctly named.

Hoping to meet you next summer

I remain very truly yours.

John Macoun

A. Alexander Esq
Hamilton
Ont.

P.S. The Librarian has written you
J.M.

Dec. 11th [illegible]

Dear Mr. Alexander

Your note came in due time and I handed it to the Librarian who said he would write you and send Parts I & V. These would also have been a bill of [illegible] and with the Catalogues.

As I have not your note I cannot answer it but I thank you very much for sending me the Proceedings of the Hamilton Association. I think the new Club will be a success. I am now going over Mr. [illegible] [illegible] and will return it very soon. He has a very fine collection and nearly all [illegible] named.

Hoping to meet you next summer I remain very truly yours [illegible]

[illegible] Alexander Esq
Hamilton
Ont.

P.S. The Librarian has written you

J.M.

No 889

Dec

Dear Dr. Lindberg

I have received today a number of copies of the Torrey Bulletin with the descriptions of many of last year's new species. All the necessary changes you can make and the completest descriptions will be published in the catalogue I am now writing. I send ahead of this letter a list of the descriptions so that you can correct and distribute to your friends.

I see that Mrs. Britton has just issued a list of New Jersey mosses and she departs altogether from the arrangement in Leq. & James. She says — "The following arrangement is based on Lindberg's Musci Scandinavici 1879, and Braithwaite's British Moss Flora as far as published. Then follows the ordus

1 Polytrichaceae
2 Buxbaumiaceae
3 Georgiaceae
4 Fissidentaceae
5 Mniaceae
6 Meeseaceae
7 Bartramiaceae
8 Bryaceae
9 Timmiaceae
10 Splachnaceae
11 Weberaceae
12 Tortulaceae
13 Dicranaceae
14 Grimmiaceae
15 Andreaeaceae

No 594

Dear Dr. Kindberg

I have received today a number of copies of the Torrey Bulletin with the descriptions of many of last year's new species. All the necessary changes you can make and the completed description will be published in the catalogue. I am now writing and ahead of this letter a list of the descriptions so that you can correct and distribute to your friends.

I see that Mrs. Britton has just issued a list of her Jersey mosses and she departs altogether from the arrangement in Lesq. & James. The following arrangement is based on Lindberg's Musci Scandinavici 1879 and Braithwaite's British Moss Flora as far as published. Then follows the order

1 Polytrichaceae
2 Buxbaumiaceae
3 Georgiaceae
4 Fissidentaceae
5 Mniaceae
6 [illegible]
7 Bartramiaceae
8 [illegible]
9 [illegible]
10 Splachnaceae
11 [illegible]
12 [illegible]
13 [illegible]
14 [illegible]
15 [illegible]

2

The Pleurocarpi has the following Orders.

1 Hypnaceae 2 Meesiaceae(?)

3 Neckeraceae. You know exactly the value of both or many arrangements and hence I write. The tendency (in Sweden) here, now is to go back as much as possible on the old generic names and hence Lindberg and Braithwaite are the favorites. I write this so that you may be perfectly free to arrange the orders genera and species exactly as you think. I would like the author of the species to come in this way — Dicranella heteromalla (L.) Schimp.; Rhabdoweisia fugax (Hedw.) Br. & Sch. In my opinion however [illegible] the original describer of the species should have first place. Write me what you think about the arrangement.

As I see on the list Barbula spadicea Mitt. Now I have no specimens of that species except No. 98 of 1887 which you named B. fallax rigidula but which I scarcely think is that species. No. 72 of this year you named B. cirrhata. Was that meant B. [illegible]

The Pleurosigmas in the following Order.

1 Hippocampus 2 Attenuatum

3 Balticum. You know exactly the value of both [illegible]

[illegible] arrangements and here I write. The [illegible]

[illegible] to your list as much as possible [illegible]

[illegible] names and [illegible] and

[illegible] on the [illegible]. I write this so that

you may [illegible] the [illegible]

[illegible] exactly as your list. I would

like the outline of the species to come in this way [illegible]

[illegible]

[illegible]

[illegible]

[illegible] what you think about

the arrangement.

[illegible]

[illegible] 1872.

[illegible]

[illegible]

[illegible]

3

(2) No. 168 of this year was named B. gracilis with
a mark of doubt. Have you settled it?
(3) I am somewhat puzzled over B. rubiginosa. You have
referred all my B. rubiginosa to B. arbuscifolia. Have I found
it? I find also that all my B. flexifolia and B. cylindrica
are referred to B. tortilifolia, except No 218 of 1890
and 180 of 1887. Are these B. cylindrica or B. flexifolia
or neither
(4) Please look at B. convoluta (No 58 of 189?) I think it is
the new species B. chrysopoda; also at 566[b] of 1888
(5) B. lacerifolia has not been found by me and Lyall's speci-
men is very likely B. megalocarpa. I send specimens
of B. Muelleri to see if they are correct.
(6) I have no number for B. rotundo-emarginata. Under
what number was it sent?
(7) My specimens of Cinclidotus fontinaloides were shown
by you to be Racomitrium aciculare.
(8) By what number did I send to you Grimmia pachy-
neurola? I cannot find it in any of your lists.
and Grimmia prolifera is unknown to me.
I send a few only this week as I have had

3

(3) No. 168 of this year was named B. gracilis with a mark of doubt. Have you settled it?

(4) I am somewhat puzzled over B. ambiguus. You have referred all my B. [illegible] to B. [illegible]. Have I found it? I find also that all my B. fusiformis and B. cylindricus are referred to B. [illegible], except No. 218 of 1890 and 100 of 1887. Are these B. cylindricus or B. fusiformis or neither

(5) Please look at B. [illegible] (No 58 of 189[illegible]) I think it is the new species B. [illegible]; also at 566 of 1888

(6) B. [illegible] has not been found by me and Layard's specimen is very likely B. [illegible]. I send specimens of B. [illegible] to be [illegible] on earth

(6) I have no remarks re B. [illegible] What remarks are meant?

(7) My specimens of [illegible] were shown you to be [illegible]

(8) My [illegible] that I sent to you [illegible] ! I cannot find it in my copy of your list. and [illegible] is unknown to me.

I send a [illegible] copy this week as I have had

Your card of Nov. 21st and letter of the 25th both came
safely and I thank you very much for the information
contained in them. It is quite apparent that
I am going to collect new species now no matter
where I go in the country. My eyes have become ac-
-customed to distinguish the various forms that I
can detect a difference in form or appearance
without any difficulty. It is quite clear that
next year I will get many additional forms.
I thank you very much the specimens
of Cynodontium which will serve as a basis
for future investigations. Do not hurry yourself
about the descriptions more than suits your con-
-venience. I am working away slowly but surely.
You have received Part V and Renauld's list of Hep-
-aticae. I have also sent descriptions of all the new
species. I have named nearly
mosses. Herr Warnstorf has named
all my Sphagna. If you desire a set of his
naming I will send them. Part VI will
be out soon.

Very truly yours
John Macoun

Dr. N. Kindberg. Linköping.

(Dec. [illegible] [illegible])

Ottawa Dec. 18[illegible]

L. M. Underwood
Syracuse Univ.
Syracuse N.Y.
Dear Sir
Prof. Macoun
[illegible] is very busy just now — wishes me to say
[illegible] your letter has been received and that
[illegible] you [illegible] will be able to send you at least
[illegible] this week [illegible]
[illegible] of the specimens you ask for
Yours sincerely
Jas. M. Macoun
Assist. Bot.

Dec. 15th

My dear Sir

Your letter with the names of my packet of Sphagna came a few days since and I thank you much for your goodness in naming the specimens.

I now send 37 specimens which are about all I can get at now but I may have a few more before spring. You will note that they are from all parts of the country and from various individuals.

Next summer I will make an exhaustive collection of all the Sphagna I may come across and hope to get still other interesting forms. When I hear from you again I will send other Mosses named by Lindberg and C. Muller.

Very truly yours
John Macoun

Rev. C. Warnstorf Germany
Neuruppin.

Dec. 15th

My dear Sir

Your letter with the name of my packet of Sphagna came a few days since and I thank you much for your goodness in naming the specimens.

I now send 37 specimens which are about all I can get at now but I may have a few more before spring. You will note that they are from all parts of the country and from various individuals.

Next summer I will make an exhaustive collection of all the Sphagna I may find &c. and hope to get other interesting forms. When I hear from you again I will send other forms, named by Lindberg

Very truly yours
Alfred [illegible]

Prof. C. Mueller.
Rev. C. Warnstorf
Neuruppin. Germany

Ottawa Dec 17th

Dear Mr. Fletcher

Your note has just been rec'd. The butterflies you speak of were collected on the mountains North of Griffin Lake Station and about 3 miles inland from the C.P.R. One camp was at an altitude of 6500 ft and the butterflies were collected at or above that height. The highest point being 7500 ft. They would average about 7000 ft. Griffin Lake as I suppose you know is about half way between Sicamous and Revelstoke.

I have a lot of American Plants some of them sent us from the Smithsonian which were collected at Yellowstone Park and some of them collected by [illegible] in Virginia last season and sent by him. I have taken out what we want of them and as I think [illegible] be of any use to you, please telephone me and I will send them. [illegible] want to get them out of the way and if you don't want them somewhere [illegible]

Yours truly

J. M. Macoun

Ottawa Dec 17th 0

Prof. Chas. E. Bessey Ph. D.
Lincoln. Neb.

Dear Sir

With the 5th Century of [illegible] [illegible] Musci I send you specimens of [illegible] and will be glad to give you anything else that you would especially like of which we have duplicates. I have not yet begun the distribution of our [illegible] but you may expect [illegible] [illegible] [illegible] [illegible] specimens [illegible] [illegible]

Yours sincerely
Jas. M. Macoun

No. 89

Dec. 17th 0

Dear Dr. Underwood

With this letter I send specimens of Jungermannia

Lycopodioides, alternate and quinquedentata and some

specimens of Frullania pileosa. Of the two former

there are likely enough for distribution of J. quinquedentata

I may have some more. I have not found L. M—

but intend to give you all I have.

I make you a present of the specimens as

I consider I am very much in your debt yet.

Besides these I send Century V of my Canadian

Musci which I hope may interest you. There are

many new species in it. Four tickets are

wanting but these will be sent when printed.

As soon as I have the Catalogue of the mosses

completed I will print a complete list of corrections

and send it to each subscriber.

Very truly yours

John Macoun

Dr. L. Underwood
4 Sacramento Place
Cambridge
Mass.

N.B. L. Places include Waghorne's Newfoundland Hepaticae in the list, & send 8 to named Cataloguer.

Dec. 17th

Dear Dr. [illegible]

With this letter I send specimens of Jungermanniae [illegible], [illegible] and [illegible] and some specimens of Frullania [illegible]. Of the two former they are likely enough for distribution. Of [illegible] I may have done some. I have not found [illegible] but wanted to give you all I have.

I make you a present of the specimens as I consider I am very much in your debt yet.

Besides these I send Century V of my Canadian Musci which I hope may interest you. There are many new species in it. Your lichens are wanting but these will be sent rather quickly. As soon as I have the catalogue of the mosses completed I will print a complete list of numbers and send it to each subscriber.

Very truly yours
[illegible] Macoun

Dr. [illegible]
4 [illegible] Place
Cambridge
Mass.

Dec. 13th

Dear Mr. Rau

I am very glad to get a note from you this morning as it reminded me that you are still alive and taking an interest in Botany. I have taken a note of the discovery of *A. cenarium*, Willd. and will have it looked up next year. Some 10 years ago I found an Aster on the shore of Lake Huron which I named without doubt *Aster linifolius* (It is No. 1067) & refer to the same specimen again in Part V and suppose it to be a form of *A. paniculatus* which brings it to *A. linifolius*. I can make nothing of it. I would like very much if Prof. Porter could go over all my marked Aster specimens. They have been all examined by Gray or Watson but in a number of instances I am not satisfied with them. I can let him have duplicates of most of the species. They will go to him and return at my expense. Please ask him if he can assist me.

You may not be aware that for a number of years I have been collecting mosses so that my catalogue might contain a pretty fair representation of them. Dr. Kindberg of Linköping, Sweden has

Dec 17th

Dear Mr. [illegible]

I was very glad to get a note from you this morning as it reminded me that you were still alive and thriving [illegible]. I have written a note [illegible]

[illegible]

2

been working at them for four years and last
summer he enlisted Carl Muller in the work.
So far the results have been most extraordinary.
Nearly 200 species new to science have been named
and about 150 of them described. I am now writ-
-ing Part VI which will contain our mosses and
Hepaticæ. The two together making over 1000
species.

Three years ago I began to issue Centuries
of Canadian Mosses and have now reached the
fifth Century. We exchange or sell the sets
as the case may be. Hitherto they have been
sold at $8 per Century but after this the first
four will be sold at $6 as there will be remaining
few numbers short. If you desire to possess any
of these you can send me a Century of yours
duplicates and I will send you any of the Centuries
you may desire. Should you desire to have any
of the first four you can have them at $6 per Century.

Very truly yours
John Macoun

Eugene A. Rau Esq.
Bethlehem, Pa.

2

been working at them for four years and that
[illegible] in the world.
In [illegible] the month has been most extraordinary.
Nearly 200 species new to science have been named
and about 150 [illegible] described. I am now [illegible]
-ing [illegible] which will contain new names and
Hepaticae. The two together making over 1000
species.

Three years ago I began to issue [illegible]
of Pennsylvania Mosses and have now reached the
fifth Century. We exchange or sell the set
as the [illegible] may be. Hitherto they have been
sold at $8 per Century but after the first
four will be sold at $6 as there will be [illegible]
[illegible]. If you desire to procure any
of these you can send me a Century of your
duplicates and I will send you any of the Centuries
you may desire. Should you desire to have complete
sets the first four you can have them at $8 per Century.

Very truly Yours
[illegible]

[illegible] Esq.
[illegible] Co.

Ottawa Dec 18th

Dr. Sereno Watson
Cambridge. Mass
U. S.

Dear Sir

With the 8th Century of Canadian Mosses I send some additional specimens for identification. Besides sending you plants which we have difficulty in making out I shall from time to time send you specimens of species recently collected which you have not yet had from us. Should you desire additional specimens of any species sent you our duplicates are at your disposal. Last summer I collected again the Ruppia my father found last year and have put up specimens that you may find they are much better than you had last year. Please return the [illegible] — you will find [illegible] time to look over and [illegible] enclosed list when you have determined the plants I send you.

Yours sincerely
Jas. M. Macoun

No 892

Dec. 28th

Dear Dr. Kindberg

Some days since I received a number of descriptions and additional notes on species and today I received three copies of the article on the new mosses for all of which I thank you very much.

I am still working away at the Catalogue and have just completed the genus Ulota. I have been somewhat puzzled over Racomitrium speciosum and am satisfied that part of my Vancouver Island R. canescens and R. lanuginosum are that species. I send only three scraps with this note but they may be of some value. I will do the best I can with the Orthotrichums and before the work is through the press we may hear from Venturi concerning the specimens he has.

With kind Xmas greetings. I am truly yours J. Macoun

Dr. N. Kindberg
Linköping

Dec. 28th

Dear Dr. [illegible]

Some days since I received a number of descriptions and additional notes on species and today I received three copies of the article on the [illegible] for all of which I thank you very much.

I am still working away at the Cat-alogue and have just completed the genus [illegible]. I have been somewhat puzzled over [illegible] and am satisfied that [illegible] of my Vancouver Island [illegible] and [illegible] are that species. I send only three examples with this note but they may be of some value. I saw in the last [illegible] the work is through the [illegible] and before the [illegible] from [illegible] the [illegible] by [illegible].

Wishing you a [illegible] with kind [illegible] I am truly yours

Dr. [illegible]
[illegible]

No 893

Dec. 28th 0

My dear Sir

Your card reached me a few days since. In answer I may say I will gladly go over the proof and make any necessary corrections.

I will be in Ottawa until May so there is no particular hurry as far as I am concerned.

Very truly yours
John Macoun

Dr. A. S. Packard
Providence
Rhode Island
U.S.

Dec. 28th.

My dear Sir

Your card reached me a few days since. In answer I may say I will gladly go over the paper and make any necessary corrections.

I will be in Ottawa until May so there is no particular hurry as far as I am concerned.

Very truly yours
John Macoun

Dr. A. S. Packard
Providence
Rhode Island
U.S.

No 884

Dec. 29th

Dear Dr. Watson

I am in receipt of both your letters and thank you very much for the notes on the species sent down for identification.

I am glad my Erigeron turned out a rare thing. It was too young for me to make anything of it. Arenaria biflora has puzzled me very much but now we have a better understanding of it. If this Arabis Macounii is the same as the one sent last year collected at Lytton B.C. I have named it already A. Columbiana. See Part V page 304.

Your name for the Ruppia must be the one to stand as my pamphlet did not appear until long after yours appeared. It was printed in March but not published until November.

Dec. 22nd

Dear Dr. Watson

I am in receipt of both your letter and thank you very much for the notes on the species sent home for identification.

I am glad my Boigeum [?] turned out a new thing. It was too young for me to make anything of it. Ornmani [?] Hoffman has fought the very much but now we have a better understanding of it. If the Crabro Maorensis [?] is the same as the one sent last year Cerceris [?] at Philippine [?] P.I. I have named it already C. catanduanensis. See Part V page 304.

Your name for the Dolophis [?] must be the one to stand as my pamphlet did not appear until long after yours appeared. It was printed in March but not published until November.

2

I send the tickets for the missing ones except ~~four~~ one not printed yet.

As soon as I can get the tickets printed I will send down a new set for ~~the~~ Sphagni and in most cases new specimens. Herr Warnstorff has examined all my Sphagni and I desire my subscribers to have sets according to his determinations.

As I have twentyfive species put up as the sixth Century I send them now as you may desire to see them as many of them are new.

Wishing you a happy New Year and many returns. I remain truly yours

John Macoun

S. Watson
Cambridge
Mass.

297

I am [illegible] the tickets for the missing
nes eight have not printed yet.
As soon as I can get the tickets
printed I will send down a new set
for the aphaenops and in most case
new specimens. Herr [illegible]
has examined all my Aphaenops and
I desire my collections to have list
according to his determination.
As I have twentyfive species put up in the
width bottles I send them now as you may
desire to ad them as many of them are new.
Wishing you a happy New Year and
many returns. I remain truly yours
[illegible] Watson
Cambridge
Mass

30th Dec. 0

My dear Madam

Not having heard from you for a long time I drop a line to say I have been hard at the Catalogue for the last month and have made some discoveries. The few specimens of mosses distributed by Howell seem to have been all wrong. His Racomitrium [illegible] is R. varium. Ptychomitrium Gardneri is not that species and Amphoridium Mougeotii is Ulotas [illegible] A. cuta.

Kindberg is still working away he says that Heterocladium homoeopteum = H. aberrans, Ren. & Card. My No. 115 Ulota Americana is U. scabrida and my western Ulota phyllantha becomes U. maritima.

I am sending today to your address one hundred and twentyfive mosses for Miss Carr and fifty for yourself, which will bring the distribution up to No. 625.

Should there be any tickets missing or you should you notice any apparent misplacement please let me know.

30th Dec.

My dear Madam

Not having heard from you for a long time I drop a line to say I have been laid at the Cottage for the last month and have made some discoveries. The few specimens of mosses distributed by Howard to you have been all wrong. His Racomitrium lawii [illegible] is R. canescens. Orthothecium Cardoni is not that species and Brachythecium Morganiae is Rhyn[illegible] O. eustata.

Kindberg is still working away he says that Heterocladium procurrens = H. alaskanum Ren. & Card. My No. 115 Pohlia Drummondii is P. [illegible] and my eastern Pohlia [illegible] becomes B. maritima.

I am sending today to your address one hundred and twenty five mosses for Miss Coon and fifty for yourself, which will bring the distribution up to No. 825. [illegible] missing in your Herbal. [illegible] be any defects misplacement should you notice any please let me know.

2

After opening the box I found Libby's Mosses but there were only 40 species. Is that the whole of the series? or will there be another issue?..

I will write Mr. Maury in a few days and send down the specimens. We are very busy just now. Kindly send the parcel to Miss Cummings and deduct from the amount due to me.

Wishing you and Dr. Britton a happy New Year. I remain very truly yours

John Macoun

Mrs. E. G. Britton
Columbia College
New York

After spraying the 2d time I found Lichens
Mosses but there was only 10 species. Is
that the effect of the spraying? or will there be
another season?
I will write Mr. Murray in a few
days and send down the specimens. We are
very busy just now. Thanks and the present
to Miss [illegible] and [illegible] from the amount
due to me.
Wishing you and Mr. Britton a
happy New Year. I remain very truly yours
Alfred Wheeler

Mrs. E. G. Britton
Columbia College
New York

Dec. 30th 0

Dear Mr. Pearson

Some time after I wrote, the parcel arrived and when opened was a very agreeable surprise. I need not say how much I thank you for the beautiful present and how much I appreciate it. Many years ago Sir William Hooker gave me his great work on the British Jungermanniae and now I can place your volume by its side.

Whenever it suits you I will send you any of our Hepaticae you may desire. Long before this you have received the copies of your pamphlet on the Hepaticae. I hope the general set up of it will suit you. I am now busy cataloguing the mosses and hope to have the list printed next summer.

With New Year Greetings
I remain truly yours
John Macoun

Dec. 30th

Dear Mr. Pearson

Some time after I wrote, the parcel arrived and when opened was a very agreeable surprise. I need not say how much I thank you for the beautiful present and how much I appreciate it. Many years ago Sir William Hooker gave me his great work on the British Jungermanniae and now I can place your volume by its side.

Whenever it suits you I will send you any of our Hepaticae you may desire. Long before this you have received the copies of your pamphlet on the Hepaticae. I hope the Journal got safe [illegible] it will reach you. I am now busy cataloguing the mosses and hope to have the list printed next summer.

With New Year Greetings
I remain truly yours
John Macoun

Ottawa Garden 1

Mr. S. Hart Wright
Penn Yan. N.Y.

Dear Sir

Your letter and the two packets of plants were received this morning. I have looked over them to the end of the Rosaceae and was much pleased to find so many things that we have long wanted. Your [illegible] [illegible] L. [illegible] L. Virginianum L. [illegible] very distinct and very much smaller than in the [illegible] form being very distinct. I shall be very glad if you will advise me of any errors in nomenclature you may detect in the specimens I send you. I am very busy now arranging our collections of last year and must ask you to wait a little for the balance of the specimens. But you will come in good season, and I shall not take into consideration the number you have sent us as we are always glad here to augment our large herbarium. I have still a number of Polypetalae to send you as several species had not been arranged when I got out the last plants for you. I shall send you among

[illegible] and Arabis macounii, which
[illegible] macounii, [illegible], and new species collected in 1889
[illegible] you. I have about 80 species [illegible]
[illegible] yet distributed and these also will be sent you. I think
I can give you as well specimens of the 8 Piceas
[illegible] about P. rubra myself. We have
[illegible] Picea that always seems to me
the far north forms of Picea [illegible] has yet
[illegible] from our southern forms but as I have gone
[illegible] able to separate them. As soon as I have gone
[illegible] I shall send you another packet.
[illegible] the [illegible] catalogue

Yours sincerely
Jas. M. Macoun
[illegible]

[illegible]

Dr. [illegible]
[illegible] School of [illegible],
37 [illegible]

Dear Sir,

When our [illegible] omitted which [illegible] few specimens [illegible] to trouble [illegible] sent you [illegible] I am sorry [illegible] by mail to-day [illegible] but would be very glad [illegible] have had time to [illegible] when you [illegible] the specimens sent [illegible] should [illegible] the same [illegible] intended you [illegible] a duplicate set [illegible] which [illegible] to be sent as soon [illegible] will be [illegible] make some [illegible] for you [illegible] packet [illegible] museum. [illegible]

Yours truly
[illegible]
[illegible] of Herbarium.

No. 899

Jan. 2nd 1

My dear Sir

Your letter and the specimens have both reached me. I thank you very much for them both. Please turn to Page 228 Part II and notice what I say about Aster laevigatus. In comparing your specimens with those mentioned above I find they are the same. The past season I obtained specimens of this species at Sandwich opposite Detroit and noticed it in other localities. My son will send a specimen if we have one left. I gathered it as early as 1874 but Dr. Gray referred it to Aster laevis but I never could believe it was that species. I am very glad you have cleared this up for me.

Very sincerely yours

John Macoun

E. M. Rau Esq

Bethlehem

Pa.

Jan. 2nd 1

My dear Sir

Your letter and the specimens have both reached me. I thank you very much for them both. Please turn to Page 22 Part II and notice what I say about Aster laevigata in comparing your specimens with those mentioned above I find they are the same. The first season I obtained specimens of this species at [illegible] [illegible] and noticed it in other localities. My son will send a specimen if we have not any. I gathered it as early as 1878 but being very [illegible] I referred it to Aster laevis but I never could believe it was that species. I am very glad you have cleared this up for me.

Very Sincerely yours
Alfred [illegible]

E. M. [illegible] Esq
[illegible]
Pa.

No 900

Jan. 2nd 1

My dear Sir
Both parcels of mosses reached me this morning and I have looked over them and hope to find many nice things among them. I am busy writing up the Catalogue of mosses and have reached Orthotri[chum]. I have taken out all the specimens amongst them sent that come before that genus and send you their names.
Would you make out a list of all the loc[alities] you know of species collected by you between C. Orthotrichum and the beginning of the Mss Fol[io] I will send this part of the Manuscript to the pr[inters] in a couple of weeks. I want to incorporate your list in its proper place in the Catalogue.
Since I wrote I have been very successf[ul] and obtaining many more new species. All of specimens have been examined and some more new species have been made out. There are Brac[hythecium] leucoglaucum, microbundum, circulifolium, dig[...] Hypnum flaccum and possibly some others.

No 900

Jan. 2nd 1

My dear Sir

Both parcels of [illegible] reached me this morning and I have looked over these and hope to find many new things among them. I am busy working up the Catalogue of [illegible] and have reached [illegible]. I have taken out all the specimens amongst the [illegible] and that came before that genus and send you their names.

Would you make out a list of all the [illegible] you know of species collected by you between [illegible] Collections and the beginning of the Monsoon [illegible] before I write about this part of the [illegible]. I want the [illegible] in a complete form of [illegible] in the Catalogue your list is the proper place [illegible] any necessary. Since I wrote I have been [illegible] species. All of and [illegible] more [illegible] more specimens have been examined and some more new species have been made out. These are [illegible], [illegible], [illegible] and possibly some others.

When I reach these in my enumeration I will give you full details and where necessary specimens. You see then that you have a wide field for further investigation. I need scarcely tell you that both hands and head are full. No less than 320 species come before Orthotrichums.

277 are three = Leptotrichum tortile as well as No 272. 286 is Distichium capillaceum and 293 is Weisia Ludwigii; this is the same as No 5. July 1868. Nos. 29, 30 June 1868 are both Grimmia sinclairi and so is No 11 of 1868. These three should have been found on rocks often covered by water. No 5 in part and 57 of 1868 are Orthotrichum specimens. No 5 in part is O. Ohioense. No 40 July 1868 ("Weisia") = Amphoridium Lapponicum. 49 + 41 of Aug 1868 = Barbula tortuosa.

From this time forward I will adopt all your numbers this way. You will notice that many all new difficult species are in the Brachytheciums and it is amongst these that the new ones have been found. I will see that you get authentic specimens

2

When I reach these in my enumeration I will give you full details and where necessary specimens. You see then that you have a wide field for further investigation. I need scarcely tell you that both hands and head are full. No less than 320 species came before Orthoptera.

277 [illegible] = [illegible] [illegible] as well as No 272. 256 is [illegible] [illegible] and 253 is [illegible] [illegible] this is the same as No 5. July 1888. Nos. 23, 30 June 1889 are both [illegible] [illegible] and so is No 4 of 1888. These three should have been found on [illegible] [illegible] [illegible] [illegible]. No 6 is [illegible] of July 1888 are Orthoptera specimens. [illegible] in O. [illegible].

No 10 July 1889 ("[illegible]") = [illegible] [illegible]

48+41 of Aug 1889 = [illegible] [illegible].

[illegible] [illegible] [illegible] [illegible] all your [illegible] this way. You will notice that nearly all are different species and in the [illegible] and it is amongst these that the new ones have been found. I will see that you get [illegible] specimens.

of all the new species but I purpose doing nothing with any thing ahead of my work The pamphlets were not sold, only fill in the receipt and send it back. Let me have the numbers of the mosses I have sent you. I will send another lot very soon.

Very truly yours
John Macoun

Mr. John Moser
Canaan Forks
Queen's Co.
N.B.

P.S. If you want <u>more paper</u> I will send it.
I can give you <u>printed tickets</u> and in some cases you can write a note on the ticket. They would cost too much.

J.M.

I ask the same again but I prefer showing
nothing with any thing ahead of my work.
The photographs were not used, only put in
to illustrate and save it tools. but we have
the reminder of the matter I have sent you. I will
hold something for every case.

Very truly yours
Alfred Marrows

Mr. John Miner
Cannon Pyles
Queens Co.
N.S.

P.S. If you want more paper I will send it.
I can give you printed tickets and in some
cases you can write a note on the ticket. They
would cost 25 cents.

J. M.

10901.

Jan. 2nd 1

My dear Sir

I spent the usual time in the field and reached home the last of August after a very successful summer's work. We made extensive collections of bird skins and plants and obtained new forms of birds and an extensive series of new forms of plants. The latter we have been engaged on since our return. I refer to myself and son who assists me.

Since I returned I have been engaged writing up Part VI of my Catalogue of Canadian plants. This includes the mosses and they require a great deal of examination. Dr. Selwyn wishes the bird catalogue published this year but I cannot reach it before March at the very earliest.

As soon as I get seriously to work on it I will let you know. We added a number of species to our Avi-fauna

Jan. 2nd 1

My dear Sir

I spent the usual time in the field and reached home the last of August after a very successful summer's work. We made extensive collections of bird skins and plants and obtained new forms of birds and extensive series of new forms of plants. The latter we have been engaged on since our return & refer the majority and two other sections me.

Since I returned I have been engaged working up Part VI of my Catalogue of Canadian plants. This includes the mosses and they require a great deal of examination. [illegible] finished the bird Catalogue published this year but I cannot reach it before March at the very earliest.

As soon as I get [illegible] to work on it I will let you know. We added a number of species to our Avi-fauna

2

and obtained a number of hybrids between the Eastern and Western Flickers at Revelstoke on the Columbia,

Wishing you a happy New Year. I remain truly yours

John Macoun

F. L. Farley Esq.
St. Thomas
Ont.

and obtained a number of hybrids be-
tween the Eastern and Western Platanus
at [illegible] on the Bosphorus.

Wishing you a happy New
Year. I remain truly yours
John [illegible]

E. L. [illegible] Esq.
[illegible]
Cal.

Jan. 3d 1

My dear Sir

As I am slowly writing my catalogue of mosses and only a few of yours have come into ... I have delayed writing. Before ... Britton has doubtless named the greater ... of them so you would confer a favor on me ...ing me the names and localities in plain ... up to Orthotrichum which I have reached ... 300 species catalogued. The following I have

Blindia acuta + Coll I. No 6.

Dicranum Cynodontium Schistii II. 19.

Gymnostomum calcareum I, 7

Hedwigia ciliata V, 51; VII, 31.

Racomitrium aciculare V, 47

" fasciculare VII - 29

Ulota Ludwigii VII

" crispa ... VII

These are all I have completed and ... species may be changed. You must cease ... scraps or no person will attempt to name

Jan. 3d,

Dear Sir

As I am already writing my catalogue of [illegible] and only a few of yours have come into [illegible] - I have delayed writing. Before [illegible] Baillon has doubtless named the species [illegible] of them as you would confer a favor on me [illegible] me the names and localities in plain [illegible] of Orthoptera which I have reached [illegible] 500 species catalogued. The following I have [illegible]

[illegible] acuta ♂ Coll. I. No 6.
[illegible] II. 12.
[illegible] I, 7
[illegible] V. 87; VII. 31.
[illegible] V, 47
" [illegible] VII - 29
[illegible] VII
" [illegible] July VII

These are all I have completed and [illegible] species may be changed. You [illegible] no person will attempt to name [illegible]

2

species for you. I send one of the new species to show you the way I put them up and send them to my correspondents. In reality nearly all your specimens are worthless in any sense so in your own interest collect better and larger tufts. You have forgotten to send me specimens each of your named Liverworts. I will send you other species in return. But please send no cards as [illegible] worthless.

I am afraid you did not send me parcels XIII & XIV as I have no record of them still I may be mistaken.

The parcel of flowering plants came and as usual the greater number were scraps. Surely you have been collecting long enough [illegible] to make good specimens and at least assist the party who determines the specimens. [illegible] send me the locality and date without I am to return the specimens as they are of no value. I would like to have Newfoundland

2

species for you. I send one of the new species
to show you the way I put them up and
send them to my correspondents. In reality
nearly all your specimens are [illegible] in
any sense as in your own cabinet without
labels and paper slips. You have forgotten to
send me specimens each of your named
[illegible]. I will send you these species in
return. [illegible] [illegible] [illegible] as [illegible]
[illegible].

I am afraid you did not send me—
[illegible] XIII & XIV as I have no record of them
until I may be mistaken.

The parcel of [illegible] insects came
and as usual the greatest number are [illegible].
Surely you have been collecting long enough
[illegible] [illegible] [illegible] and at least
[illegible] [illegible] [illegible] [illegible]
[illegible] the [illegible] after [illegible] and [illegible]
and never send me the [illegible] as they are the
I am to return the specimens [illegible] [illegible]
or [illegible]. I would like to have [illegible]

3

specimens in our herbarium and would gladly
give you as many as I could but I must
will find complete specimens.

I have written the names on the sheets
and return the parcel with this mail.

When you are sending specimens please
send them between boards as or they will get
broken up in the mails. We never send out a
specimen of a flowering plant except we put
it between boards. I mention this as your speci-
mens being without a board on each side
are as you see very much injured.

Very truly yours

John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland

3

specimens in our herbarium and would gladly give you as many as I have but I want till I find complete specimens.

I have written the names on the sheets and enclose the same with this mail.

When you are sending specimens place them between boards so as they will not get broken up in the mails. We never can get a specimen of a flowering plant except we put it between boards. I mention this as your specimens being without a board on each side are as you see very much injured.

Very truly yours
[illegible] Macoun

Mr. A. Waghorne
New Harbor
Newfoundland

No 803

Jan. 8th 1

My dear Sir

Your valuable letter and the enclosed eight
dollars were received yesterday. Today I send the
parcel of plants and a few notes as corrections.
I quite agree with you that a better Manual
of the Mosses is necessary and I doubt very much
whether Mrs. Britton will succeed in producing one
without defects. I am of opinion that she could do
it if she would take four or five years to it but
that she can work it up critically even the Bryums
in one year is extremely doubtful. Your plan
of dividing the work into sections is the only certain
one but I am quite sure none of the present workers
will see it in that way. When some of your Bryologists
collect as I have done over 700 species and know
all about their habits there will be less confusing
of species and some good work may be done. I
am satisfied to collect and discriminate generally
but I will not destroy my eyes by working with
the microscope. Mr. Austin corresponded with me
when he commenced work and like Mrs. Britton in-

2

improved as he grew older and towards the last did
fairly well. Lindberg and C. Muller have been working
over my material of his naming and are making
a number of changes. Lindberg and C. Muller doubtless
err in making too many species but I prefer mis-
-takes of this character to the lumping principle, because
it is much easier for a monographer to combine
than to separate. I am carefully having all my
immense stock of material examined and a speci-
men of each Number mounted and Lindberg's name
attached to it. Last year alone I sent him 747 packets
so you see we are working. Warnstorf has examined
nearly all my Sphagna and I consider his work
the best yet because there is no lumping of forms.
We are breaking the ground and I look forward
to the day when real enthusiastic workers will
take the field and do hard work to all such my
collections will be open for examination and comparison
I am working hard on Part VI of my Catalogue of
Plants and am enumerating the mosses. I have reached
[illegible] and have so far 362 species. Up to this
all my specimens have been examined by Lindberg

3

and often I have sent the species to him three times before I was satisfied with his work.

I would be very glad to see your Musci and would do just as you say. Should I see anything of a doubtful nature I would send it to Europe at once and have it decided. The Brachytheciums of your section I am sure are pretty well mixed. Lesq. & James have at least twenty-seven species in Br. laetum alone. I will send you Century [illegible] for your specimens. Century V is out and contains many new species. Thelia asprella does not grow with me. T. compacta Kindb. and hirtella do however.

Since 1860 I have been a collector and examiner of plants and at present know at sight every Canadian species and can tell where it grows. I have collected from the Atlantic to the Pacific and am familiar with mountain, stream, lake, prairie and forest having spent the last eighteen summers in Natural History collecting and exploring. With my 30 years knowledge and experience I laugh silently at any one whose span of life had not begun when I was a master even in Cryptogamic botany up

for a profound knowledge of the whole subject. Our friend Prof. Barnes has set himself up for an author and purposes writing another edition of the Manual. He knows much less than Mrs. Britton but has not reached the stage as he does not know where he goes wrong.

Send on your money as soon as you choose and I will send your Century I.

Very truly yours
John Macoun

George N. Best M.D.
Rosemont N.J.

In a profound knowledge of the whole subject.
Our friend Prof. Brown has not heard of you
as Doctor and professor writing under the editorship
of the Journal. He knows much less than you
Doctor but has not reached his stage as he does
not know where he goes along.
Send me your notes as soon as
you choose and I will send your [illegible]

Very truly yours
John Marston

George D. Beck M.D.
Cincinnati O.

No. 384

Jan. 8th 1

Dear Doctor Watson

I have your notes of the 3d & 6th insts.
My Arabis Columbiana was collected at Lytton B.C. April 16th & 17th 1889 and was labelled A. Holboellii. You are quite right the specimen from Revelstoke is distinct. Please name it A. Macounii if you can do so with propriety.

We have a remarkably large Viola canina var. longipes from Nanaimo which is quite close to Departure Bay but it is not like a specimen of V. Howellii which we have from Washington. The specimens appeared to me sent to you if I mistake. They were labelled Nanaimo if you had them.

I hope to be in Boston for a week after the 14th of next month and I will spend some time, or all I have to spare, at Cambridge in the Herbarium.

Very sincerely yours
John Macoun

Dr. S. Watson
Cambridge
Mass.

Jan. 8th

Dear Doctor Walters

I have your notes of the 2d & 6th insts.

My [illegible] was collected at Ipswich(?)
R. I. April 16th & 17th 1889 and was labelled A.
[illegible]. You are quite right the specimen from
[illegible] is distinct. Please name it A. [illegible] if
you care to do so with pleasure.

We have a remarkably large [illegible]
from [illegible] — which is quite close
to [illegible] but it is not like a specimen
of [illegible] which we have from Washington. The
specimens appeared to me about the size of 3 months.
They were labelled [illegible] — if you had them.

I hope to be in Boston for a week after
the 15th of next month and to visit spend some
time, as I have the space, at Cambridge in
the [illegible].

Very sincerely yours
[illegible]

A. C. Walters
Cambridge
Mass.

a.907

Ottawa Jan. 13th 1[illegible]

Mr. J.A. Morton
Barrister
Wingham, Ont.
Dear Sir

Prof. Macoun wishes me to say to you that he has received your letter & is [illegible] today and hopes to have completed the examination of [your] plants so that they may be returned to you this time next week. He has been busy getting ready for the [illegible] — for Paris — and has not been able to give as much time to your plants as he would [have] liked, or they would have been returned before this. He [illegible] with a few which are [illegible] on them and but [illegible] has been given them careful examination, when they will be returned together.

Yours truly
Jas. M. Macoun

W. 906

Ottawa Jan. [illegible]

[illegible] Esq.
London Ont.

Dear Sir

Prof. Macoun wishes me to say in answer to your letter of yesterday that he has never received from you the specimens of [illegible] of which you write. Should you have some of it [illegible] he will be glad to see a specimen. He is very busy at [illegible] and will send the [illegible] with the MS for Part VI. and will [illegible] as soon as he can [illegible] to the printer [illegible] Parts of [illegible]. Dr. Selwyn is now very particular [illegible] Dr. Selwyn [illegible] the most [illegible] way for you [illegible] is to write directly to Dr. Selwyn [illegible]

Yours truly
Jas. M. Macoun

No. 908

Ottawa Jan. 12th 1

Mademoiselle!

Your letter of the 24th ult. was received [illegible] having [illegible] few days since. I was sorry to hear of your [illegible] so far [illegible] that there is [illegible] cause no hurry [illegible] still in your [illegible] we are concerned as I think we are [illegible] [illegible] glad to receive any [illegible]. We shall [illegible] and shall [illegible] [illegible] you may [illegible] us and [illegible] [illegible] [illegible] you good [illegible] [illegible] [illegible] [illegible] Quarters, [illegible] you [illegible] to [illegible] [illegible] will [illegible] health [illegible] [illegible] your [illegible]

Yours [illegible]

[illegible]

[illegible]

No. 909

Ottawa June 12th 1

Mr William R. Dudley
Ithaca N.Y.
Dear Sir

I have only just returned to my office work after a holiday of some weeks. Your letter addressed to my father had not arrived before my departure. I shall be very glad to send you such of our willows as we have among our duplicates, which include most of the species collected by my father & myself during the past ten years. Please send me a list of those you want and I shall be pleased to get out for you what we have of them. I enclose a list of willows of which we have [illegible] [illegible] specimens from the U.S. many of them not in our herbarium [illegible] would be accepted with thanks but if you [illegible] we are always [illegible] you need not consider yourself our debtor as we [illegible] specimens of special genera to anyone [illegible] specimens are well named by [illegible] who is working on the specimens.

Yours truly
Jas. M. Macoun
Curator of Herbarium

Bebb.

Jan. 12th 1

Dear Mrs. Britton

Your last three notes are still unanswered. I suspect that Ulota phyllantha found fruiting by Howell will turn out to be my U. maritima so named by C. M. & Kindberg.

I made a mistake in making ~~Leptodontium~~ terrae a new species. I find in catalogueing the species I have questioned this species. I have written Kindberg about it. When I reach the Hypnum there will be a number of changes in the Amblystegiums and Brachytheciums as C. Muller has taken them up as you say there has been a good deal of mixing between the Homalotheciums & Camptotheciums. I named No. 496 Camptothecium Nuttallii when I sent it to Kindberg. It grows on rocks here and C. Nuttallii on trees I am aware now.

Figure as many of the new species as you wish but do change and criticise as much as you [illegible] but do not make Kindberg responsible for any of my blunders. Indeed I would be glad if you wrote a series of notes on the new species as far

2

as I have catalogued. Yes, you owe me eight dollars for Century V. Please take out of it the subscription for the Torr. Bulletin or if you choose let the subscription go for the 25, of Century VI, and.

I am very glad you are satisfied with so many of the new species and that Lieberg. I send with this Cinclidium No. 57 I did not send it to Kindberg as I knew you were sceptical about it.

Enclosed find a list of new species which I wish you to pass an opinion upon. I will send you soon a specimen of any of these not before in your possession. I am going to do the same with Prof. Eaton who has just sent for a full set of mosses.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

P. S. I am also very busy. Am now at Packing
My list is 370 species
J. M.

as I have Catalogued. For your own use only
letters for Cemetery W. Oldham [illegible] and [illegible] of the
lithographs for the [illegible] Collection or if you choose
all the [illegible] for the 25¢ [illegible] Century W. each.

I am very glad you are satisfied
with the many of the new species and other
things. I send with this Government [illegible]
I did not send it to [illegible] as [illegible] before
we neglect about it.

Enclosed find a list of New species
which I wish you to have an opinion upon. I
will send you some specimens of any of them not
before in your possession. I am sorry to see the
name and [illegible] letter who has just sent for
your list of names.

Very truly yours
Alfred [illegible]

J. E. [illegible]
Alexandria College
New York

P.S. I am also very busy. Am now at Cataloguing
my list of Species

Jan. 11th 1

My dear Sir.

Your letter of the 8th inst. has been received and by this mail I send the full set of mosses. In going over them you will note a number of tickets without corresponding specimen. The meaning of it is this — I am short of specimens represented by these tickets but send new or very rare species in their stead. By this means you know the species wanting and the species sent are of more value because they are new.

Mr. Britton is examining and criticising many of the species and Dr. Kindberg and C. Muller are and have been at work also. All the changes of the first 150 are written on the packet wraps of the first 150 are written on the packet wraps as No. 20 which Dr. Kindberg makes B. subulata; as he doubts the occurrence of B. gracilescens in America. I have catalogued the mosses up to Aulacomnium and as I proceed will notify you of other changes especially amongst the Hypnums. Herr. Warnstorf has examined nearly

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Jan. 11th

My dear Sir.

Your letter of the 9th inst. has been received and by this mail I send the first set of mosses. In giving our [illegible] you will note a number of [illegible] without corresponding specimens. The meaning of it is this — I am short of specimens represented by these [illegible] but send [illegible] or any rare species in their stead. By this means you know the species wanting and the species sent are of more value because they are rarer.

Mr. Austin is examining and criticising many of the species and Drs. [illegible] and [illegible] are and have been at work also. All the changes of the first 150 are written on the [illegible] No. 20 which Dr. [illegible] makes [illegible], as he doubts the occurrence of [illegible] in America.

I have catalogued the mosses of [illegible] and as I proceed will notify you of other changes especially arranged [illegible] the [illegible].

Prof. [illegible] has examined nearly

2

all my Sphagna and the first fifteen Hepatics are named now in accordance with his names in the Botanical Gazette. As soon as I can get the tickets printed I will send them down.

Next Autumn I will have ready another hundred mosses for distribution and at least 100 species of Hepaticae, named by either Pearson or Dr. Underwood. I suppose you received Pearson's list of Hepaticae and Part V of my Catalogue of Canadian Plants which were distributed last November.

Please drop me a line with a list of the numbers, of the regular series, that are wanting or any tickets or any misplaced speci-mens.

Thanking you very much for your subscription. I remain Very truly Yours

John Macoun

Prof. D. C. Eaton
New Haven
Connecticut

P. S. I have long intended to send you and Mrs. Britton specimens of all my new species and will do it at least in part before spring. J. M.

2

my Sphagnum and the first fifteen species
named were in accordance with his names
in the Botanical Gazette. As soon as I can get
the tickets printed I will send them down.

Last Autumn I sent over nearly one
hundred names for distribution and at least
100 species of Hepaticae named by either Barnes
or Dr. Underwood. I suppose you received Pearson's list of Hepaticae and Part V of my Catalogue
of Canadian Plants which were distributed last
November.

Please drop me a line with a list
of the numbers of the Hepaticae series, that are
wanting or any tickets or any misplaced specimens.

Thanking you very much for
your subscription. I remain Very truly yours
John Macoun

To D. C. Eaton
New Haven
Connecticut

P.S. I have long intended to send you and Mrs. Eaton
specimens of my new species and will do so at
least one month before spring. J. M.

Jan. 14th 1

Dear Mr. Pearson.

Your letter of the 2nd inst. has been received and Dr. Selwyn as well as myself are much gratified to know you are pleased with the printing and plates.

I am sorry your eyes still continue weak but hope to hear better accounts from you later on. As I wrote you I am now cataloguing the mosses and after them I will write up the Hepaticae and incorporate your work and Dr. Underwood's.

The British Museum deserves well of me and I am glad you can help them. I am sending specimens of our flowering plants to them at intervals.

Very sincerely yours
John Macoun

H. Pearson Esq.
3 The Polygon
Eccles
Manchester

Jan. 14th 1

Dear Mr. Pearson.

Your letter of the 2nd inst. has been received and Dr. Schunck as well as myself were much gratified to learn your acceptance with the [illegible] and plates.

I am sorry your eyes still continue weak but hope to hear better accounts from you later on. As I write you I am now cataloguing the Museum and after Xmas I visit up the [illegible] and [illegible] and Dr. [illegible].

The British Museum [illegible] vol. of me and I am glad you have left there. I am sending specimens of our [illegible] from at [illegible].

Very sincerely yours
[illegible]

[illegible] Pearson Esq.
[illegible]
Manchester

Jan. 16th

My dear Sir

Your note of the 2nd inst. came a day or two since. In answer I may say that only four parts of the "Flora of the St. Lawrence and Great Lakes". were published. I obtained reprints of the last three but none of the first part as John Gibson whose name appears with mine obtained them all and I never got one.

You <u>might obtain</u> the first sheets by writing the Secretary of the Canadian Institute Toronto as it was in their Journal the list was published. As you are aware I have published five parts of a Catalogue of Canadian Plants and in the first part of these all the items appear that were in the first list.

I remain very sincerely yours
John Macoun

W. B. Hemsley F.L.S.
Kew. London.

Jan. 14th 1

My dear Sir,

Your note came in due time but got mislaid during the holidays

Seneca Snake Root is common in many parts of Manitoba on rocky or sandy ridges and extends westward to the Rocky Mountains.

Ginseng is getting quite rare now in Ontario. It grows in rocky woodlands in the Limestone districts of Ontario but only in the old forests. I have no record of its growing west of Lake Huron.

Gentian Root is a European medicine and is not found in any part of Canada.

I know nothing regarding the time they take to mature as the two former are only gathered by herbalists or Ginseng

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Jan. 14th 1

My dear Sir:

Your note came in due time but got mislaid during the holidays.

Seneca Snake Root is common in many parts of Manitoba on rocky or sandy ridges and around margins of the Rocky Mountains.

Ginseng is getting quite rare now in Ontario. It grows in rocky woodlands in the Limestone districts of Ontario but only in the Old parts. I have not heard of any east of Lake Huron.

Valerian Root is a European medicine and is not found in any part of Canada.

I know nothing regarding the time they take to mature as the true plants are only gathered by individuals on Ginseng

2

lately by regular collectors as the price of it has increased of late.

There is no work on the plants of Manitoba but Gray's Botany of the Northern States covers most of the ground. My Catalogue of Canadian Plants includes all the species but there are no descriptions in my work. It is for sale by our Librarian. There are five parts at twenty five cents per part.

I remember you as a young lad ten years ago or more at Port Ellen. I have never seen your father since 1861 when I shot away my thumb. I hope your father and mother are well and am glad to do what I can for any of their children.

Very truly yours

John Macoun

Mr. J. Macdonald

Nipigon

Ont.

lately by regular collections on the fauna
of the [illegible] of Lake.

There is no work on the fishes of
Manitoba but Jordan's Catalogue of the Northern
States covers most of the ground. My catalogue
of Canadian Plants includes all the species but
there are no descriptions in my work. It is for
sale by our Librarian. There are four parts at only
[illegible] four parts

I remember you as a young lad
two years ago or more at Fort Ellice. I
have never seen your father since 1881 when I left
[illegible] my friends. I hope your father and mother are
well and [illegible] glad to [illegible] you
any of their children.

Very truly yours
John Macoun

To J. Mackenzie
[illegible]

Jan. 15th 91

Dear Prof. McBride

Your letter was duly received and should have been answered before this. I have found out I was wrong about the Calciphilae. Harrington tells me all his species are included.

I am very busy cataloguing our mosses and have all the Cryptogams other than mosses stowed away. In spring however I am going to collect all forms of our Fungi and will gladly send all the kinds you wish to study. We have many beautiful Myxomycetes, and I would like to learn from you how to preserve them properly. While pressure may do in some cases I am quite sure it will not do in all cases. During the coming summer I hope to collect in Ontario and as I will be in a position to dry fungi will prepare good specimens. Should I get at my duplicate before

Jan. 15th 91

Dear Prof. McBride

Your letter was duly received and
should have been answered before this. I have
found out I was wrong about the Philadelphia
[illegible] all his species are included.

I am very busy cataloguing our museum
and have all the Myxomycetes [illegible]
stored away. For spring however I am going
to collect all forms of our Fungi and will
gladly send all the kinds you wish to study.
We have many beautiful Myxomycetes here and
I would like to learn from you how to preserve
them properly. While [illegible] may do in one
case I am quite sure it will not do in all
cases. During the coming summer I hope
to collect in Ontario and as I will be in
a position to buy fungi and perhaps send speci-
mens. Should I get out my duplicate before

spring I will send you what I have.

As they are going to review Part V in Bull. Torr. Club I will not bother you to notice it in the Popular Science Monthly. Our Librarian should send a copy of it to all the Scientific Journals and I think he does but am not certain.

Mrs. Macoun wishes to be kindly remembered to Mrs. McBride and yourself, and I join with her in best wishes to you both.

Very truly yours
John Macoun

Prof. T. MacBride
University of Iowa
Iowa City
Iowa

Hoping I will send you what I have.

Do they still try to revive Pub-
lic Amer. Sci. Club? I did not bother you
to notice it in the Popular Science Monthly.
Our Librarian should send a copy of it
to all the Scientific Journals and I think
he does but one and action.

Mrs. Macoun wishes to be
kindly remembered to Mrs. MacBride and
yourself and I join with her in best
wishes to you both.

Very truly yours
John Macoun

Prof. T. MacBride
University of Iowa
Iowa City
Iowa

Jan. 14th

Dear Dr. Hindley

Your letter without date containing notes and corrections and a list of extra Canadian species reached me some time since. Please accept my thanks for the same. I think it would be well to print the lists at the end or the beginning of the paper I am preparing. I am calculating on your getting 100 copies of the complete list, and if that number should be too few let me know and I will get more printed.

I am getting along slowly and have now reached Mecoia). By today's mail I send another lot of specimens part of which are the doubtful things of my mounted specimens and others of Cummins's While many of them sent you the past year and not reported upon. As time passes I will keep sending until I get nearly all the doubtful things under your eyes.

Mr. Britton has examined a number of the new species and so far has seemed satisfied with them.

Jan. 14 '97

Dear Dr. Hinsley

Your letter 9th inst. date containing notes and corrections and a list of extra Canadian species came to me some little time since. Please accept my thanks for the same. I think it would be well to print the list at the end or the beginning of the paper I am preparing. I am calculating on your getting 100 copies of the completed list and if that number should be too few let me know and I will get more printed.

I am getting along slowly and have never worked (Mosses). By today's mail I send another lot of specimens part of which are the doubtful things of my unnamed specimens and others of Cameron while many of these sent you the past year and not reported upon. As time passes I will keep working until I get nearly all the doubtful things under your eye.

Mrs. Britton has examined a number of the new species and so far has seemed satis-fied with them.

In the list I am writing I am putting in all the known localities for the species and would like any revisions you can make in the Miquelon Island list. The only unsatisfactory genera so far are Ulota and Orthotrichum. These will come all right in time.

We are having a hard and constant winter. The thermometer was below zero nearly all the time in December and indeed last night it was 20° below. We can keep comfortable as we have no drafts in our houses. They are usually heated by hot air from a furnace in the basement. I keep my house at 65°–70° in the daytime and let the temperature fall to 60 at night.

With kind regards I am
truly yours
John Macoun

Mr. N. Kindberg
Linköping
Sweden.

P. S. I will send Century IV this winter
J. M.

2

In the list I am writing I am putting in all the known localities for the species and marked the very numerous ones you have made in the [illegible] Island list. The only [illegible] species as far as [illegible] are [illegible] and [illegible]. There are [illegible] all my list in [illegible].

We are having a hard and cold winter. The thermometer was below zero nearly all the time in December and reached last night [illegible] below. We are truly uncomfortable as we have no drafts in our houses. They are usually heated by hot air from a furnace in the basement. I [illegible] my house at 65°–70 in the daytime and let the temperature fall to 50 at night.

With kind regards I am
Truly yours
[illegible]

[illegible] Hindley
[illegible]
[illegible]

[illegible]

Jan. 16th 1

Dear Doctor Longstaff

Your note reached me in due season and I am glad to know you are well. Could you send a copy of your work to our Library (Geological Survey). Should you do so you might have our publications at least in part.

Could I not send you a box of roots of Aster, golden rods &c for your garden? If you desire anything let me know as I can never forget your kindness while I was in London. I like Englishmen at home better than the general "tour." we meet here for you are real gentlemen and make no show with it. I would like to look again at your wife and her beautiful children.

With best wishes
I am truly yours
John Macoun

G. B. Longstaff
Highlands
Putney Heath
S. W. London

Jan. 16th

Dear Doctor Langstaff

Your note reached me in due course and I am glad to know you are noticed you need a copy of your work at our Library (Catalogue Library). Should you do so you might have our justification at best in hand.

Would I not send you a bag of seeds of lotus, gladiolus seeds etc. for your garden? If you desire anything let me know so I can never forget your kindness while here in London. I like Englishmen at home better than the general "Jews" we met - but forgive as real gentlemen and make me [illegible] with it. I would like to look again on your wife and her beautiful children.

With best wishes
I am truly yours
[illegible]

Dr. Langstaff
[illegible]
[illegible]
[illegible] London

No 418

Jan. 16th 91.

My dear Madam

Your note came today with the specimen all right. I am glad you made it O. obtusifolium as I believe that is really what it is.

I see that you put O. elegans in your list of Lieberg's Mosses, and I am glad of that also as I have put the same species in my list. It is my No. 126 O. leiocarpum but Kindberg wanted it included in O. speciosum.

Some time ago you wrote about Leptotrichum tenue. Kindberg in his last says = Leptobarbula berica (De Not.) Schimp. Syn. ed 2. pa 181. = Trichostomum tenue Sull. & James p. ~~88~~ 106, and Limpricht p. 596 = Leptotrichum tenue C. Muell. Syn. musc. I p 447.

I have not seen Sargent's Sylva nor the review in the Nation but from what you say the reviewer Eaton is hard upon Sargent. Should he criticise the mosses and pitch out faults I will not be sorry but I would be considerably put out

No 9[illegible]

June 16th 91.

My dear Madison

Your note came today with the specimen all right. I am glad you made it O. [illegible] as I believe that is really what it is.

I see that you put O. elegans in your list of [illegible]'s Names and I am glad of that also as I have put the same species in my list. It is my No. 1236 O. [illegible] but [illegible] wanted it included in O. [illegible].

Some time ago you wrote about [illegible] [illegible]. [illegible] in his last copy = [illegible] [illegible] (De [illegible]) [illegible]. Syn. vol 2. p. 181. — [illegible] [illegible] Lep. & [illegible] p. 88 186, with [illegible] p. 596 = [illegible] [illegible] E. [illegible] Syn. Nam. I p. 441.

I have not seen [illegible]'s [illegible] nor the reviews in the Nation but from what you say [illegible] is hard upon [illegible]. Should he criticise the names and plates not parts I will not be sorry but — I would be considerably put out.

of he make matters worse.

I will be glad to see your plan for straightening the Orthotrichums. I have written to Kindberg that they and the Ulotas are in a bad state. I have four hundred species catalogued now but do not expect to be through before the end of April. The printing will not be complete until late in summer if they do the same as last year.

My Webera 423 & 424 are not correct. No 424 W. gracilis if in yellow paper is W. sub-cucullata, C. M. & Kindb. Mss and No 423 may be W. micro-denticulata, C. M. & Kindb. or W. pycno-decurrens C. M. & Kindb. I send a little of each of the two last. If your specimens of 423 [?] is in white paper or collected last year it is all right.

I will let you know the changes as I go on.

Very truly yours

John Macoun

Mrs. E. G. Britton
Columbia College
New York

of he made mention above.

I will be glad to see your plan for [illegible] the Ortho[illegible]. I have written to Hirschberg that they and the letter are in a bad state. I have your hundred specimens [illegible] but do not expect to be through before the end of April. The [illegible] will not be complete until late in summer if they [illegible] the same as last year.

My letters 128 & 129 are not correct. In 128 the [illegible] of six [illegible] is the [illegible] 6 M. & Hinds, [illegible] and in 129 may [illegible] the [illegible] 6 M. & Hinds [illegible] the [illegible] 6 M. & Hinds. I send a little [illegible] of the [illegible]. [illegible] of 128 is [illegible] that [illegible] is all right.

I will let you know the changes [illegible].

Very truly yours
Alfred [illegible]

Mr. G. N. Calkins
Columbia College
New York

No. 419

Jan. 16th 91

My dear Sir

Your note came this morning. In answer I will be glad to write you a letter regarding your excellent little work but you must send me a copy first as you have neglected to do so.

I am now engaged on Part VI — the Mosses and Liverworts and am getting along very well.

Very truly yours
John Macoun

H. B. Spotton M.A.
Barrie
Ont.

No. 917

Jan. 16 '97

My dear Sir

Your note came this morning. In answer
I will be glad to write you a letter regarding
your excellent little work but you must
send me a copy first as you have explained
to the ar.

I am now engaged on Part VI—the
Ranunculaceae and am getting along
very well.

Very truly yours
John Macoun

R. O. [illegible] M.D.
Paris
Ont.

1890

Jan. 20th

Prof. Geo. W. Letterman
Allenton, Mo.

Dear Sir

In reply to your letter of the 12th. inst. I would say that I shall be very glad to enter into an exchange with you and upon the receipt of your list will at once mark our desiderata and return it. Our stock of duplicates is very large. I do not think it an exaggeration to say that we have at least 100,000 specimens for distribution. In British Columbia I collected about 15,000 specimens last year (1889) and last summer about 20,000, of these none but the Polypetalae have been distributed and only about 1000 of these, so you may know that we shall have no difficulty in giving you good exchange. I send you my check list of Canadian Plants on which you may mark your desiderata.

Yours truly
Jas. M. Macoun
Curator of Herbarium

[illegible]

[illegible]

[illegible]

Dear Sir:

In reply to your letter of the [illegible] inst. I [illegible] [illegible]

[illegible]

which you may want your students

Yours truly

[illegible]

Jan 26th

Mr. J. Dearness
London. Ont.

Dear Sir

Replying to your
note of Jan. 18th I beg to say that
Part. VI of my father's Catalogue will
contain Musci and Hepaticae only.
There will be no addendum to the
other parts published until 1891. I
have worked through our collections of
last season only to the end of the
Compositae and have already noted
over 60 additions some of them
as regards actual range only

but for the more
species and varieties. [illegible] you [illegible]
pay particular attention to
introduced plants especially those that
have been cultivated and are
becoming naturalized?

Yours Sincerely
Jas. M. Macoun

June 20th

Mr. J. B[illegible]
London, Ont.

Dear Sir

Replying to your
note of June 18th I beg to say that
Part IV of my Gallery Catalogue will
contain Mosaics and Majolicas only.
These will be in abundance in the
the part published until 1881. I
have written [illegible] the Galleries of
last season only to the one of the
Company and have already asked
him to despatch to you three
or copies of [illegible] [illegible] only

[illegible]
[illegible] Hermitage (?) [illegible]
I have begun [illegible] [illegible] [illegible]
to [illegible] [illegible]?

Yours sincerely
Geo. W. [illegible]

Jan. 22nd /

Dear Sir

My father has at last completed the examination of your specimens and they have been packed up and sent to your address by freight this P.M. They were placed in the boxes exactly as they were examined and they are in some instances not in the same order in which you sent them. My father will write you during tomorrow, he goes in a list.

he considered were not correctly named so that I might send you specimens of them but we are so far in Ontario plants that there was not one of them among our duplicates.

I shall send you in a week or so a packet of western plants and shall from time to time be pleased to add to your collection a few specimens of our collections. Your specimens are the best that have been sent us by Ontario collectors

Yours sincerely

Geo. M. Macoun

Mr. J. A. Morton

Dear Sir

Your letter rec'd at hand containing the memoranda of your experiments [illegible]

[illegible]

Yours Sincerely

[illegible]

Mr. J. D. Norton [illegible]

No 924

My dear Sir Jan. 22nd 1

Today my son sent by [illegible] the plants to your address. Taken as a whole they are the finest private collection I have seen. In every sense, you have made a good job. There were very few mistakes. In every case either myself or my son at my suggestion wrote on a slip the correction.

The Monardas were carefully examined and my conclusions were that (No 1) was M. didyma, (No 2) M. fistulosa var. rubra Gray and (No 3) M. fistulosa. My real opinion is that No 2 is a hybrid between No 1 & No 3 and that Gray is wrong.

I wish you could let me have a sheet each of the three and my son will make it all right by sending others. See Part V for the changes in Crataegus. Epilobium

Jan. 22nd 1

My dear Sir

Orchids [illegible] safely to your address. Taken as a whole they are the finest private collection I have seen. In every sense you have made a good job. There were very few mutilations. In every case either my self or my son cut off any suspected waste so as to clip the collection.

The [illegible] were carefully examined and my conclusions were that (No 1) was M. [illegible], (No 2) M. [illegible] var. [illegible] and (No 3) M. [illegible]. My real opinion is that No 2 is a hybrid between No 1 + No 3 and that [illegible] is wrong.

I wish you could let me have a short [illegible] each of the three and my son will make it all right by sending them. See Part V for the changes in [illegible]. Epidendrum

2

has just been monographed, we have a number of new species.

The Silene is, I think S. noctiflora but I have no good specimens of it and the description is very poor.

Should I remain in Ontario this summer I will work up a number of difficulties that want straightening out.

Hoping the new club will do good service. I remain very truly yours

John Macoun

Mr. J. A. [illegible]
[illegible]

312

2

In print from [illegible] we have a number of new species.

The [illegible] is, I think, the most [illegible] but I have no good impression of it and the description is very poor.

Should I remain in Ontario this summer I will work up a number of difficulties that want straightening out.

Hoping the Orn. Club will do good work. I remain Very truly yours

[illegible] Macoun

[illegible]
[illegible]

Jan. 19th 91

Dear Dr. Lindberg

I send specimens of what Austin named Philonotis calcarea but which seems to be P. fontana.

Would you take another look at No. 348 of 1888. Mrs. Britton thinks it is W. carnea.

No 809 which I send covers one of Cummings and two of Grimes. If these are all W. columbiana as I suspect I will drop W. pulchella.

I cannot find the description of Dicranum trachycaulon amongst those sent last year or the [illegible] before. Could you send me a small specimen of Dicranodontium campylothecium and Webera nudicaule. I will return them

Jan. 24th Since writing the above I have received your letter of the 5th inst. and am glad you prefer to stick to the nomenclature of Lesq. & James, in general. We are acquainted with that here and not with Braithwaite's or Lindberg's. Mrs. Britton is introducing the former's plan but I do not like it. None of my manuscript has gone to the printer yet but I shall send you proofs of every

Jan. 19th 91

Dear Dr. Lindberg

I send specimens of what Austin named Philonotis calcarea but which seems to be P. fontana.

Would you take another look at No. 348 of 1888. Mr. Austin thinks it is [illegible].

No 809 which I send [illegible] of this. If these are all [illegible] as I suspect I wish [illegible].

I cannot find the description of [illegible] [illegible] among [illegible] "there must be [illegible]" [illegible] before. Could you send me a small specimen of [illegible] and [illegible]. I will return them

Jan. 24th Since writing the above I have received your letter of the 5th inst. and am glad you prefer to stick to the nomenclature of [illegible] in general. We are acquainted with that [illegible] and not with Braithwaite's or Lindberg's. Mr. Britton is introducing the former's plan but I am not [illegible] like the name of my manuscript has gone to the printer yet but I shall send you proofs of every

species so that you can correct all before the final printing. I did this with Mr. Pearson. When we get through with the mosses I will send you a series of our mountain and arctic Phaenogamous flora so that you may have a chance to compare them with your northern forms. I had the Catalogues sent to C. Mueller from our Library. I am putting in all your corrections as I come to them. The sections of Hypnum will be separated into Genera just as you indicate.

I have sent the IV & V Centuries of mosses so that you may have the series. When the Catalogue of the Mosses is published I will change the tickets in accordance with your corrections and changes. Besides these I send today over 50 packets of mosses chiefly Bryum which will speak for themselves.

What No. represents Bryum hylotrichum?

Very truly yours

John Macoun

[illegible] so that you can correct all before
the final printing. I did this with Mr.
Pearson. When we get through with the Mosses
I will send you a series of our Mountain and
[illegible] Sphagnums so that you may
have a chance to compare them with your own
forms. I had the Catalogue sent to [illegible]
[illegible] from the Exchange. I am putting in
all your corrections as I come to them. The
[illegible] of Hoffmann will be [illegible] into
forms just as you indicate.

I have sent the IV & V Centuries of
Mosses so that you may have the series. When
the Catalogue of the Mosses is published I will
arrange the labels in accordance with your
corrections and changes. Besides these I send
lately over 50 packets of mosses chiefly [illegible]
which will speak for themselves.

What [illegible]

Very truly yours
John Macoun

Orono Jan. 26 '11 1

Dr. Sereno Watson
Cambridge, Mass.

Dear Sir:

By this mail I am sending you a packet of plants — principally compositae — on which we would like your opinion before our specimens are distributed. To save you trouble I have enclosed a list which you can return with such changes as you may think fit to make. Quite a number of the species that you are new to our flora. We collected again this year the Petasites that I sent you. You then called it a intermediate form between Petasites palmatus and P. sagittatus; in this you are no doubt right but it seems quite distinct from either. It has never been found by us except on high mountains and never within many miles of either of the other species. I do not know what return we can make for your trouble in naming our specimens but I may say again that we shall be pleased to send you additional specimens of any of the species now that you should desire them. My father wishes me to say that he expects visit Cambridge some time before spring and will take with him for comparison with your specimens many of our herbarium sheets.

Yours Truly

[illegible]

Illinois Jan. 2 [illegible]

Dr. Samuel Walton

Cambridge, Mass.

Dear Sir:

By this mail I send you by [illegible] a packet of plants — principally Composites — on which we would like your opinion before our specimens are distributed. [illegible]

[illegible]

Jan. 27th /

M. S. Bebb. Esq.
Rockford Ill.

Dear Sir

By this mail I send you a series of the willows collected by my father and myself in British Columbia last season. Whenever you have time to examine them we shall be glad to have your determinations. You will see that as heretofore we have made no attempt at naming the specimens as we have come to depend entirely upon you for that part of the work

and it [illegible] species [illegible] considerable quantity [illegible] be able to furnish you with additional specimens should you desire them.

I don't think there is much more to be done in B.C. in willows as both last season and in 1889 particular attention was paid to the collecting of willows. My father is busily engaged on Part VI of his catalogue which will include mosses and lichens. It is now almost ready for the printer. I shall not distribute the willows until you have been heard from so that should you desire additional specimens you will have the first choice, and I shall be glad to send a set to any of your Western friends who may be specially interested in willows

Yours truly
Jas. M. Macoun
Curator of Museum

Dec. 21st

M.S. Bebb. Esq.
Rockford Ill.

Dear Sir

By this mail I send you a series of the willows collected by my father and myself in British Columbia last season. Whenever you have time to examine these we should be glad to have your determinations. You will see that as heretofore we have made no attempt at naming the specimens as we have come to depend entirely upon you for that part of the work.

[illegible]
[illegible] B.C. [illegible]
last season and in 1889 [illegible]
attention was paid to the collecting of willows. They [illegible]
in Part III of the catalogue which will include [illegible]. It is
now almost ready for the press. I should
like to include the willows which you have
been kind enough to name for us.
[illegible]
have the [illegible]
[illegible]
upon [illegible]
[illegible]

Yours truly
Jas. M. Macoun
[illegible]

1 Jan 27th

My dear Sir

I return today the last parcel of plants and
a book of scraps of mosses which I do nothing
with. You must get larger and better specimens
or when you get a microscope you can work
them up yourself and then you will know what it
means to have poor material.

Since I wrote last I have named a few more
of your mosses and now send their names.

Coll I–55 Grimmia Muhlenbeckii? Very poor
I 1065 Tetraphodon mnioides (No 41) T. angustatus.
I, No 28 Barbula tortuosa (No 25) Webera cruda.
VII No 26 Bryum argenteum. I return all the other scraps of
Bryum as they are of no earthly use.
34, II Racomitrium aciculare (Coll I. 46) Fissidens adiantoides.
I. 21 Tetraplodon mnioides (Coll VII–14) Webera albicans also
VI–3. Coll I–6 Leptotrichum tortile. No 60 Philonotis fontana
also No. 34 (No 38) = Webera nutans also No.10 & No 6. No 24
= Ulota Ludwigii; I–12 = Webera albicans; No 58 = Ulota
crispa; No 18 ½ Tetraphis pellucida also No 16–I; No 57 Meladium
ampullaceum. I named this Dryptodon tenuis at first.

Jan 27th

Dear Sir

I return herewith the last parcel of plants and a packet of seeds of mosses which I do nothing with. You must get larger and better specimens when you get a microscope you can work them up yourself and then you will know what it means to have your material.

Since I wrote last I have named a few more of your mosses and now send their names.

C.W.I - 35 Bartramia Muhlenbeckii Schimp [illegible]

I.065 [illegible] (Fig 4) [illegible]

No 28 [illegible] (No 25) Webera [illegible].

No 26 [illegible]. I return all the other [illegible] as they are of no use to me.

I [illegible] (Coll I. 16) [illegible].

I, 21 [illegible] (Coll VII-19) Webera [illegible]

VI-3. C.W.I-6 [illegible]. No 60 [illegible]

also No. 31 (No 35) = Webera nutans also No.10 & No 6. No 24

[illegible]; I-12 = Webera albicans; No 8 = [illegible]

[illegible]; No 11 [illegible] also No 15-I; No 37 [illegible]

[illegible]. I named [illegible]

2

No. 38 Sphagnum recurvum.
No 35 " Russowii = 37 + 36
No 66 " Pylaisii var. canosum, Warnst.
✓ No 20 " cymbifolium var. papillosum
No 40 " recurvum var. mucronatum
No 41 " Garberi, Lesq. & James.
No 37 " acutifolium
9-2 Aug. 28 = S. rufescens, Bryol. Germ.

If possible get one or few good specimens of No 35, 37, 36, 66, 41 and 9-2. The three last are rare in America.

I have opened Parcels VIII, VII & VI. I find nearly all are Hypnums. These will stand over until I reach them in my work. I have catalogued now to the end of the Bryums and so send you the names thus far. I put my guesses on the Bryum packets and return them. Your Sphagna are very interesting and I send the names of many of them & hold over a few. Try and make respectable specimens and cease sending scraps as no one can make out a species by scraps. You can see this your Hypnums from a scrap. self as you have the same species sent under from 10 to 20 different numbers. You have a fine Cryptogamic field in Newfoundland and I advise you the last time make and send respectable specimens.

2

[illegible] Assessment.

[illegible] = 87-86

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Aug. 28 = 16 [illegible], Conn.

[illegible] one a [illegible] specimens of 1936.

[illegible] and 8-2. [illegible] we have in America?

I have opened Fascicle VIII, VII & VI. I find nearly all [illegible]. There will [illegible] my [illegible] I [illegible] my words. I have determined now to the end of the [illegible] and to send you the names that [illegible]. I find [illegible] names on the [illegible] labels and [illegible] them. [illegible] are [illegible] and I send the [illegible] of many of them I had not a [illegible]. [illegible] make [illegible] specimens and [illegible] as no one can make out a species from a scrap. You can see the [illegible] as you have the same species [illegible] to be 20 different [illegible]. You have a [illegible] [illegible] in [illegible] and [illegible] the [illegible] made [illegible] specimens.

Parcel 3 No VII

No 44 Sphagnum cymbifolium Var. papillosum
No 39 " squarrosum Var. spinosum
2 " rubescens = 27 + 18
78 " quinquefarium
22 " Russowii
26 " acutifolium Var. purpureum
13 " acutifolium + 4
34 " recurvum + 16 + 12 + 32
23 " cymbifolium Var. laeve
29 " recurvum Var. mucronatum
6 " fuscum Var. fuscescens
7 " fuscum = 10 + 9 + 8
17 " Girgensohnii + 28 + 16
38 Ceratodon purpureus.
41 Dicranum montanum? too poor
43 Dicranodon [illegible]
35 Dicranum fuscescens = 40 + 37
46 Cynodontium Wahlenbergii
34 Bartramia pomiformis
45 Dicranum undulatum
50 Racomitrium lanuginosum
49 " aciculare
36 a + b. Ulota crispa?
Parcel VI – 75 Barbula ruralis
The last specimens were fairly good (except the [illegible])
and many were very poor. I will make corrections by

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number as there are a few need further examin-
-ation. You have a mine of valuable forms in your
Sphagna. Make good specimens of each form
and send me a specimen of each like the
ones I send you. When I reach the Hypna
I will sort out as best I can the various species
and return the others.

I am still very busy working
up my own material. Remember to change any
names on the enclosed lists that differ from those
sent before as the later ones are the correct ones.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland.

numbers as those are a few such fossil speci-
mens. You have a series of calcite forms in your
[illegible]. Make good specimens of each form
and send me a specimen of each like the
one I send you. When I reach the [illegible]
I will sort out as best I can the common spec[illegible]
and between the others.

I am still very busy working
at my own material. Remember to change any
names on the enclosed list that differ from those
sent before as the latter are the correct ones.

Very truly yours
Alfred [illegible]

[illegible]
New Harbour
Newfoundland.

No. 929

Ottawa Jan. 30th 1

Prof. W. J. Beal
Agricultural Coll.
Mich.

Dear Sir,

By yesterday's mail I sent you two packets of plants one containing 125 species of mosses and the other flowering plants for your herbarium some of which were got out for you last spring and others from our collections of the past season. I think that among these you will find something of interest.

Yours truly
Jas. M. Macoun
Curator of Herbarium

No 930

Jan. 30th 1

Dr. G. G. Best
Rosemont N.J.

Dear Sir,

In reply to your letter of the 27th. Prof. Macoun wishes me to say that as regards Sanicula we can hardly be said to have any in more as nearly all Canadian species are represented in our herbarium. We want them from new localities however and the choice of specimens is better left with you. Whatever you think will be of most interest to us will give satisfaction.

Yours truly
Jas. M. Macoun
Curator of Herbarium

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Ottawa Jan. 2nd 1

Prof. W. J. Beal
Agricultural Coll.
Mich.

Dear Sir.

Replying to yours [illegible] I sent you two baskets of [illegible] containing 125 species of [illegible] and the [illegible] [illegible] for you [illegible] some of which were got out for you last spring and these from our collection of the past season. I trust that among these you will find something of interest.

Yours truly
Jas. M. Macoun
Curator of Herbarium

Jan. 2nd 1

Mr. [illegible]
[illegible] N.S.

Dear Sir.

In reply to your letter of the 27th. Prof. Macoun wishes me to say that [illegible] we can hardly be said to have any [illegible] as nearly all [illegible] species are represented in our herbarium. We would [illegible] from [illegible] and the choice of specimens is left with you, whether you think [illegible] [illegible]

Yours truly
Jas. M. Macoun
Curator of Herbarium

Feb. 2nd ,

My dear Sir

Your letter and list reached me a few days since. I am now at the end of Mnium so as soon as convenient send me the list up to that and beyond if possible.

Your Philonotis f. ~~[illegible]~~ becomes Philonotis glacialisecensis; ~~[illegible]~~ Kindb. A fine new species. There are fully half a dozen of new species of Brachy thecium credited to you which I will name when I reach them. Since I wrote I have made out the following.

25 (1888) Encalypta ciliata
31 (1889) 59a (1888) Webera nutans
53 (1889) Webera cruda
16 (1888) Amphoridium Lapponicum.

Very truly yours
John Macoun

M. J. Moser
Elmwood, Pictou Co.
N. S.

Feb 2nd

My dear Sir

Your letter and list reached me a few days since. I am now at the end of Musci & as soon as convenient send me the list of those that are beyond of Funaria [?].

Your Philonotis fontana is Philonotis glaciocola [?]; both Hewitts [?]. A few new species. There are pretty badly a dozen of new species of Dandy [?] Mosses credited to you which I will name when I reach them. Since I wrote I have made out the following.

25 (1888) Encalypta ciliata
31 (1889) 59a (1888) Webera nutans
53 (1889) Webera cruda
16 (1889) Amphidium lapponicum.

Yours truly
John Macoun

Mr [?] ... Holmes [?], ... B.C.

Feb 2nd ,

My dear Sir

I have looked carefully the last edition of your Elements of Structural Botany and have been pleased to find that in so small a compass you have embodied that is essential for the teaching and study of botany as required for High Schools and preparatory College work. The cuts are excellent and as the plants chosen for illustration are those with which all are or should be familiar they will be of more service than is generally the case.

In the Second Part of your work you have, I find, included all species of plants that are likely by those using your book. The fact that you have excluded everything that would be of no actual benefit to those beginning the study of botany will prevent

Feb. 2nd

My dear Sir

I have looked carefully the last edition of your Elements of Structural Botany and have been pleased to find that in it you have contributed what is needed for the teaching and study of botany as required for high schools and preparatory college work. The cuts are excellent and as the plants chosen for illustration are those with which all are or should be familiar they will be of more service than is generally the case.

In the second part of your work you have I think included all species of plants that are likely to be met by those using your book. The fact that you have excluded everything that would be of no actual benefit to those beginning the study of botany will prevent

2

much confusion and has made your book far more valuable to Ontario botanists than if it had been larger and had covered more ground. It will give me much pleasure to recommend it to all engaged in studying or teaching botany.

Very truly yours
John Macoun

H. B. Spotton M.A.
Barrie
Ont.

P.S. I took occasion to recommend your book to the students of our Normal School this afternoon.

J. M.

2

[illegible] [illegible] and has made your book
far more valuable to Ontario botanists than
if it had been larger and had covered
more ground. It is now going, we must please
to recommend it to all engaged in study-
ing or teaching botany.

Very truly yours
John Macoun

Dr. Spotton B.A.
Barrie
Ont.

P.S. I took occasion to recommend your
book to the students of our Normal School
this afternoon.

J. M.

Feb. 2nd

My dear Sir

I have gotten your lists for which I thank you. I am working at the mosses and have just finished Mnium. Both your Physcomitrium have become P. turbinatum. Sw. James & Lesq. Mnium lycopodioides of Lesq. & James becomes a new species M. pseudo-lycopodioides C. M. & Kindb. Neither Reponsi? nor M. lycopodioides are mentioned of America or at any date of Canada.

The lichen marked Gongonemenis inaias is more likely bauprovis planophylla. I will go at the lichens shortly and send you a few at any rate as I have duplicates of some rare ones. I have no doubt but you found many other species but threw them away. Look on this year in swamps for any and interesting things and look there for different kinds apart. You will be sure to get some things that can go in the list this spring as it will be well

Feb 2d

My dear Sir

I have [illegible] your [illegible] for which I thank you. I am working at the [illegible] and have just finished [illegible]. With your [illegible] [illegible] [illegible]. [illegible]

[illegible]

of [illegible] as at [illegible] of Canada.

The [illegible] marked [illegible] is more likely [illegible]. I will go at the [illegible] shortly and send you a few at any rate — as I take delight of [illegible] once. I have no doubt that you [illegible] other species but [illegible] [illegible] [illegible]

[illegible]

on in summer before the list is published.
Please measure drawings made under the prism! Drawings made by the aid of a parametic lens.
When are you going to send the Arctic plants you spoke of?

Very truly yours
John Macoun

J. Dearness Esq
London
Ont.

we are anxious to see the [illegible] published.
[illegible] [illegible] drawings made under the [illegible] Drawings made by the aid of a [illegible] lens.

How are you getting on with the [illegible] [illegible] you [illegible] &c?

Very truly yours
John Macoun

J. Dearness Esq
London
Ont.

Feb. 3rd 1

2

My dear Sir — [illegible]

Your letter came in due time and would have been answered promptly only I was expecting a box from Dr. Britton in which I would send down the material asked for. The box has arrived and now we send all our Callitrichaceae, [illegible] and [illegible]. You will see for yourself all that has been done.

I need scarcely say that I cordially welcome you back once more and hope that you have made many valuable discoveries and succeeded in doing all you expected to do since you left. I spent two summers in British Columbia and added many fine things to our western flora. At present I am slowly catalogueing our mosses and as I have 27 years collections to arrange it is a big job. Besides what Mr. Britton has done for me Drs. Kindberg and Mueller are working them over after I have arranged them in my

Oct 31

Dear Sir [illegible]

Your letter came in due time and would have been answered promptly only I was expecting to hear from Mr. Griffin in which I could have done something about you. He has [illegible] and never [illegible] Saskatchewan, [illegible] [illegible]. You [illegible] for yourself [illegible] has been done.

I must sincerely say that I [illegible] not [illegible] you back once more and hope that you have made many valuable discoveries and succeeded in doing all [illegible] since you left. I spent the summer in British Columbia and added many fine things to our collection here. At present I am already [illegible] & arrange it and as I have 27 years collections [illegible] is a big job. Besides what Mr. Griffin has done for me Mr. [illegible] and [illegible] are working them over after I have arranged them in [illegible]

2

way. I am now strongly [illegible] and have over [illegible] species of Canadian Mosses catalogued. You are [illegible] that flowering plants are only a small part of my work.

Our authorities have no desire to have a general herbarium and hence do not purchase any material from any place. I offered them over 4000 species of European plants for $100 and the would not give it. We exchange but do not buy. I may say I exchange but I cannot offered to purchase for the Government.

The box will leave with the material tomorrow.

Very truly yours
John Macoun.

Rev. Thomas Morong
Columbia College
Herbarium
New York.

2

way. I have been thinking of Hessian and have come to the opinion of Commission Roman satisfied. You see then what planning plant as only a compliment of my needs.

Our authorities have no desire to have a general distribution and have do not purchase any machine from any place. I offered them the 1000 [illegible] of Surplus plant for 3 [illegible] the cannot get over it. The exchange but the out they. I may say of exchange but I cannot afford to purchase for the Government.

The box will leave with the machine tomorrow.

Yours faithfully
John Murray.

Thomas Murray
[illegible] Lodge
[illegible]
New Zealand

Feb. 3d

My dear Sir

Both your letters reached me in due time and the enclosed P. O. order.

The Hepaticae will not be distributed this winter. Our Continental subscribers will not get as many as I have as you may see by Macoun's List. About a month since I supplied our Continental with material for two species for his distribution.

I am glad of your criticism of O. speciosum and O. leiocarpum. Kindberg wishes to unite them but I have kept them separate in the Catalogue I am writing. My decision is perhaps the same as yours that No. 626 is O. ~~[illegible]~~ elegans, and a good species. It is quite distinct in habit from O. speciosum and I am bound to keep them apart.

Since I wrote I have catalogued to the end of Mnium and a number of changes have been made. Philonotis leiophylla becomes what it was Bartramia Menziesii, Philonotis Macounii becomes P. Muehlenbergii, Brid. Webera pulchella becomes W. columbiae Kindb., Bryum Warneum = Bryum Edmundsianum, Kindb., Bryum oreale =

2

Bryum ~~[illegible]~~ [illegible] = Bryum [illegible], L. M. & Kindb.
Bryum [illegible] (M. 18) = Bryum lutescens, L. M. & Kindb.
and Mnium hymenophylloides Hsg. & James = Mnium pseudo-hymenophylloides L. M. & Kindb. Bryum [illegible] does not seem to be American and B. Ontariense takes its place.

I will write again in a couple of weeks and mention other changes as they are met with. All the Hepaticae will have Renauld's numbers as these.

Very truly yours
John Macoun

Rev. C. H. Demetrio
Emma
Saline Co.
Mo.

No 936

[illegible] Feb. 6th [illegible]

Rev. Thomas Morong
Columbia College
New York

Dear Sir

I have just sent
you per express the box of which my father wrote
you yesterday. I have been busy arranging our herbarium
but am only [illegible] the Gramineae so that the[re]
[illegible] little confusion as [illegible] kindly write
specimens sent you [illegible] [illegible]
regards labels, numbers &c. [illegible] so that they
[illegible] on the sheet or slips of paper [illegible] cut up
your [illegible] on the [illegible]. I have to-day cut up
may be with the specimens, [illegible] the sheets [illegible]
[illegible] and fastened them [illegible]. I have also
[illegible] [illegible] [illegible] Phanerogams
[illegible] you might perhaps like [illegible] specimens of
[illegible] in the box [illegible] them [illegible] you would like
[illegible] may be among [illegible] since he sent our own
to see. I have not yet [illegible] but [illegible] So
collections of this year after [illegible] a series of [illegible]
from which I shall send you [illegible] I do not think you will find
Phanerogams &c but

[illegible] is not represented among
[illegible] among [illegible] If you like make a list of the
[illegible] sent you. [illegible] which you would
[illegible]8-8-90 specimens sent [illegible] should be able
[illegible] for your [illegible] with the exception of
give you most of them as [illegible] have been
sent [illegible] very few of them [illegible] in
[illegible] collected the new [illegible] you
[illegible] again [illegible]
[illegible] specimens [illegible]

Yours truly
[illegible].
Charles [illegible]

p. 37

Ottawa Feb. [illegible]

Mr. M. S. Bebb
Rockford Ill.
Dear Sir
Your letter of the first inst. was read with a great deal of pleasure. [illegible] specimens and [illegible] [illegible] years ago to pay [illegible] [illegible] [illegible] willows [illegible] I [illegible] my attention to the [illegible] [illegible] would have paid [illegible] for my trouble [illegible] pleased with the specimens. I felt [illegible] you are pleased with the [illegible] and collected [illegible] some of the S. [illegible] for distribution [illegible] and [illegible] send you some by [illegible] with [illegible] I [illegible] possibility of my going [illegible] There is [illegible] next year and spending [illegible] last letter. [illegible] the mouth of the Mackenzie [illegible] the Arctic circle. [illegible] Hudson's Bay Co. [illegible] as much as [illegible] chance for [illegible] to see the [illegible] you have occasion

2

[illegible] be [illegible] yourself sometimes when
we do you would [illegible] in [illegible] them with our
attempting to fit in [illegible] [illegible] frequently
[illegible] knowledge. The [illegible] [illegible] the "[illegible]"
marks" [illegible] [illegible] and [illegible] labelled [illegible]
and the [illegible] specimens [illegible] [illegible] [illegible] to the [illegible]
[illegible] "that are [illegible] found [illegible] your [illegible] unfortunately.
and so on [illegible] [illegible]

Yours truly
[illegible]

934.

Did you give address to Mr. Moore? Thanks.

Feb 3d 1

Dear Mr Britton

I never noticed your letter of Jan. 5th as there was nothing special in it except to note on the species which were attached to the specimens. I do not agree with you yet regarding Nasturtium palustre. The European plant and some of our western specimens agree very well but you must remember that the plants that pass muster in America for N. palustre are both annual and biennial or perennial that they grow (with us) in permanent water, on mud and on dry ground. They have long pods, short pods and round pods and all except the dry ground form are unlike the European one. I will not say that any plant is N. amphibium but I do say that it is amphibious and quite distinct in habit from the European palustre. I believe my amphibium is a species between N. palustre & N. amphibium & when you decide they are distinct you can name the

2

species after me.

We thank you very much for the specimens sent and as time permits we will begin sending a few to you.

I want Mr. Kindberg to go over all our Orthotrichums and describe them but he has too much on hand.

I am glad to see O. Bellii separated from the others. I do not know O. arcticum and this has, as you say, verticillate leaves.

The box returns tomorrow addressed to you but the material will be chiefly for Dr. Morong.

Please say to Mrs. Britton that I have reached Sphagnum and have over 500 species. Warnstorf credits me with 25 species of Sphagnum amongst the more interesting are S. Austini, obesum, riparium, Mendocinum, quinquefarium & Russowii.

Very truly yours
John Macoun

N. L. Britton
Columbia College
New York

Ottawa Feby 4th 1

Dr. Theodor Holm
Washington D.C.

Dear Sir

Very many thanks for the copies of your interesting papers sent Prof. Macoun and myself. That there should for so long have been talk about Oakesia and Uvularia when the differences are so great shows at once the importance of the work you are doing. I shall be in Ottawa until late in May and postal facilities are so good here that should there be any young plants you would like next spring that grow here and not near Washington plants collected one day would reach you the next and I shall be very glad to send them. A packet of plants was mailed you to-day and as before any notes you make on them will be received with pleasure

Yours truly
Jas. M. Macoun

1 Ottawa Feby 4th

Dr. Charles [illegible]
Washington D.C.
Dear Sir

Very many thanks for the
[illegible] which I [illegible] Macoun
[illegible] myself. What these [illegible] so long have
[illegible] where the
differences are so great as shown at once the unfortunate
[illegible] the work you are doing. I shall be in Ottawa
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] the next one I shall be very glad to see
[illegible]. A packet of plants was mailed you to-day
[illegible] many notes you make on them
[illegible] be received with pleasure

Yours truly
Jas. M. Macoun

Feb. 4th 91

Dear Mr. Bebb.

I have read with much interest your letters to my son, who has told you why I do not write so frequently as formerly. I am very busy Cataloguing our mosses and am in my sixth hundred now.

Regarding S. Barrattiana I may say that I have no doubt it is a species that flowers either before or with the leaves. Should we be in the mountains again I will try for it in June.

It is very curious that S. Barclayi should have such a wide range as regards altitude. Nos. 10. 7 are from about 1500 feet above the sea while 13.4. is from nearly 5000 feet. Of No. 15 we have only leaves I do not place it. S. vestita looks very fine when I got it as low as 3000 feet where it grows over three feet high. No. 20 grows above the limit of trees and is found beside the little streams coming from permanent snow.

No. 25 S. fendliana? was growing at Revelstoke in Eagle Pass and all the willows in the vicinity are

in your hands. Look carefully at S. lasiandra var. lancifolia and S. myrtillifolia and see if these are not the parents of the hybrid as they grow where No 25 grows. Revelstoke is in the valley of the Columbia River where the Canadian Pacific Railway makes its second crossing going west, in about Lat. 51°. No. 25 & No 11 were both gathered almost together and both growing in gravel and alluvium in the flooded (in summer) grounds of the river bottom. No. 8 was obtained on the east side of the river, the others on the west side.

My son will send you another series of specimens and also more of the smooth capsule of No. 12. It ought to be near S. fendleriana or lasiandra.

I thank you very much for the specimens you sent and also for your promptness in naming the willows.

The coming season I expect to be in Ontario but my son may be in the mountains and we will both collect wherever we may be. I have not collected in Ontario in twelve years but am going to stay at home and get ready for Alaska & [illegible] Islands next year.

Very truly yours
John Macoun

M. S. Bebb Esq

in your hands. Look carefully at the Limestones
near Lanigan and at my sketches and see if there
are not the fossils of the [illegible] as they generally
[illegible]. [illegible] is in the valley of the [illegible]
River where the Canadian Pacific Railway makes its
lowest crossing going north, in about lat. 51°.
No. 25 & No. 11 were both gathered almost together and
[illegible] growing in sand and elsewhere in the [illegible]
(in [illegible]) ground of the river bottoms. No. 8 was
obtained on the east side of the river, the other on
the west side.

Why can not you send me another series
of specimens and also more of the [illegible]
of No. 12. It ought to be near [illegible]

I thank you very much for the speci-
mens you sent and also for your [illegible] in
naming the lichens.

The coming season I expect to be in Brit-
ish Col. but my own work is in the mountains and
[illegible] both [illegible] as many [illegible]. I have not
collected in [illegible] [illegible]
& [illegible] at home and get ready for [illegible]
[illegible] next year.

Yours truly
John Macoun

My dear Sir Feb. 2d

I send by this mail a number of packets of your mosses named up to Aulacomnias. In your letter of Dec. 23d you enclose a letter which I return.

In Part V no new localities were included except there were some special reasons and as we retain none of your specimens some scarcity of Mentions may have been overlooked. If you intend to mount specimens of Mosses in books make your specimens very much larger as scraps are no use to any one. I return today many of your specimens and you will see what little obscure scraps they are. I will soon be at the Hypnum now and may be able to decipher some of the species but these scraps without fruit are not likely to be determined but these I will return. Do not send any more books as I return the one you sent. Mosses must be examined under the microscope and the books are useless for examination. So as I do get your mosses named first and then mount a good speci-

Feb. 24

My dear Sir

I send by this mail a number of packets
of your Mexican material of the Coleoptera. In
your letter of Dec. 23d you enclose a letter which I return.
In that & in your localities were included eight
new or some species [illegible] and as we return
some of your specimens were apparently of [illegible]
may have been overlooked. If you wished to send
specimens of these in bottles make your specimens
very much larger as much are now as to only
who I return taking many of your specimens and
you will see what little [illegible] each they are.
I will soon be at the [illegible] and may
be able to [illegible] some of the species but these
[illegible] first are not likely to be determined
but these I will return. Do not send any more
books as I return the ones you sent. [illegible] must
be [illegible] [illegible] the [illegible] and the books
are [illegible] for examination. As soon as I get your
[illegible] material first and then send a good [illegible]

2

men of each. You say you send a representative
specimen. Surely you do not gather such scraps
as you send where the mosses grow in large
patches if you do cease doing so as no person
would put any value on your specimens.
I return them as they are mostly not worth
mounting. If you saw the thousands of fine speci-
mens I have you would realize what I mean
when I ask you to make decent specimens.
I want the complete list of your mosses
and Hepaticae for my present work. I am put-
-ting in all the mosses I determine but locate
them all at New Harbor as your writing of names
is not legible. Instead of special localities you
ought to say — on rocks or by springs or on trees
&c at Topsail or New Harbor &c.
Until I get specimens
from you suitable for our herbarium I can tell nothing
about your flora or the additions I should make
to my list. Make a point of selecting some good material.

Very truly yours
J. Macoun

Revd. A. Waghorne
Nfld.

P.S. Give me [illegible] of the [illegible] named by Mrs Britton
J. M.

mean 8 each. You say you sent a specimen
specimens. Why do you not put such words
as you send [illegible] the names given in large
letters if you do [illegible] doing so as no person
would put any value on your specimens.
I return them as they are mostly not worth
mounting. If you saw the Herbarium of [illegible] you
would I think you would realize what I mean
when I ask you to make decent specimens.
I want the complete list of your [illegible]
and [illegible] for one present month. I am put-
ting in all [illegible] names I determine but leave
those all at [illegible] as your writing of name
is not legible. Instead of [illegible] you
ought to [illegible] — [illegible]
[illegible]
[illegible]
When you are ready for our [illegible] I can tell nothing
about your [illegible] or the collection I should [illegible]
to my list. Make a point of [illegible]
[illegible]. [illegible] Yours faithfully
[illegible] [illegible]

Feb. 4th 1

Dear Mr. Carruthers

Your letter of Nov. 25th came in due time but I failed to answer it as I was busy at many things. Today however I send off two parcels containing 525 species of Canadian mosses which are all that have been distributed so far. You will notice there are many new species and there are many others to follow which will be distributed to the principal herbaria before Part VI which will contain all their descriptions is published. Already I have catalogued 65[illegible] species and have only reached Polytrichum.

I am putting up a series of Hepaticae [illegible]ries and will distribute them with Mr. Pearson's numbers on them.

In a week after you receive the mosses there will be two bundles of Flowering plants which will be followed before spring by others so you are to get a complete series from us of all our collections. We all now ... ut the Mosses & Hepaticae.

Feb 9th 1

Dear Mr. [illegible]

Your letter of Nov. 25th came in due time but I failed to answer it as I was busy at many things. To-day however I send off two parcels containing 525 species of Canadian mosses which are all that have been distributed so far. You will notice there are many new species and there are many others to follow which will be distributed to the principal herbaria before Part VI which will contain all their descriptions is published. Already I have catalogued 6[?] species and have not reached Orthotrichum. I am putting up a series of Hepaticae & will distribute them with Mr. [illegible] numbers as above.

In a week after you receive the mosses there will be two bundles of Flowering plants which will be followed before spring by others so you will get a complete set. Yours are of all our collections. We sell none... only the [illegible]

2

Part v and Mr. Pearson's List of Hepaticae have reached you before this and you have seen what I did the past year. My present work will contain the Mosses and Hepaticae and of these I will have at least 1000 species. I have had correctly named and included in my catalogue all Drummond's List up to No. 158 except the following — of No. 17, 18, 27, 30, 31, 32, 48, 50, 124,

I am (so far) only deficient in these. I would be glad to have the loan of these or an exact copy of the [illegible] ~~ticket~~ and the name written as well. Should I not have the specimens I would like to get the present name as well as the one on the ticket.

I would consider it a great favor if one of your colleagues would mention the character of my work and scope of it before the Society at one of its meetings.

We have now obtained a complete series of our mosses which will be sent before spring.

Very sincerely yours

John Macoun

Wm Carruthers F.R.S.
Natural Museum
Kensington Gardens

2

Part V and Mr. Parsons's List of Elephantine have reached you before this and you have seen what I did the past year. My present work will continue the Mines and Elephantine and of these I will have at least 1000 again. I have had entirely renewed and included in my Catalogue all Cromwell's List up to No. 158 except the following — No. 17. 18. 27. 40. 61. 72. 97. 80. 124.

I am (so far) only deficient in these. I would be glad to have the names of these so one can't adopt the [illegible] and the names with the mark. Perhaps I not have the specimens I would like to get the present names as well as the one on the tablet.

I would consider it a great favor if one of your colleagues would mention the character of my work and scope of it before the Society at one of its meetings.

We have never offered a complete coin in our collection which will be sent before opening.

Very sincerely yours,
Alfred Marston

[illegible] F. P. [illegible]
[illegible]
[illegible]
[illegible]

No 944

P.S. If you have time you might mark the plants in your herbarium on this list also and I could then use it in getting out plants for you.
J.M.M.

Ottawa Feby 8th 1

Dear Sir

Your letter of the 31st. ult. was received a day or two ago. As regards exchanging specimens I may make the same offer to you as I mentioned lately to Mr. Dearness. We would like to help Ontario collectors with specimens but Dr. Selwyn objects to our giving them away. We are as I have told you very short of Ontario plants both in our herbarium and among our duplicates and I am willing to send any Ontario botanist a hundred of his desiderata for 100 species of ~~[illegible]~~ Ontario species [illegible]

numbered at 100 for each year for one person as I might not have time to get out specimens for all if more were sent but in the case of one with so large a collection as yours and from whom we are certain of good specimens I shall be glad to send as many as you have plants for. If you care to do this mark on the list I send you the plants you give us now and keep it until you have occasion to use it again and I shall endeavor to make an adequate return. I return your list, as you may be able to use it in some other way, with many thanks for your offer. As regards the Catalogue it can only be had now from the librarian at 25cts per part. I find on referring to him that a copy was sent the Wingham Mechanics Institute and acknowledged Dec. 3rd.

Yours truly
Jas. M. Macoun

Dear Sir,

Your letter of the 21st. inst. was received a day or two ago. In regard to exchanging specimens [illegible] [illegible] [illegible] to [illegible] [illegible] lately to Mr. [illegible]. Mr. [illegible] Ontario collection with specimens to [illegible] but Dr. [illegible] objects to our giving them away, as we are as I have told you very short of Ontario specimens. This [illegible] [illegible] [illegible] our duplicates [illegible] [illegible] [illegible] [illegible] Ontario [illegible] a [illegible] of the [illegible] for 100 species of [illegible] [illegible]

[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I shall be glad to send as many as you have asked for. If you can let me know [illegible] the list I shall [illegible]

Yours truly

Jas. M. Macoun

No 905

Feby 6th

Mr. Jas. White
Edmonton
Ont.

Dear Sir

Your letter dated Feby 6th. was received by me to-day. I shall be very glad to exchange plants with you (for the Geol. Sur. Museum) but have not time to go over your list and select those we want specially. I have made the following offer to Mr. Dearness and Mr. Macoun and if agreeable will be glad to exchange with you on the same basis. Send me 100 species of plants (those flowering after June 1st. preferred) of your own [illegible] and I will send you the same number of your desiderata. I have sent you to-day a list on which you may mark the species sent so that they may not be sent again, should I have time to get out specimens I shall be glad to receive a second or even third hundred from you but all will delayed after [illegible] Spring the number of specimens I may have to send them. If you care to take the trouble you might use the list I send for marking the plants you have and return it to me with the plants you send if you are willing to exchange in this way. I can then use it in getting out plants for you and will then send it back to you. Parcels come to us free.

Yours truly

Jas. M. Macoun

Curator of Herbarium

[illegible]

Mr. Geo. White
Edmonton
Ont.

Dear Sir:

Yours dated Feb 6th. was received by me to-day.
I should be very glad to exchange [illegible] (of the Rock Gen. Museum)
but have not time to go over your list and select those we want [illegible]
to-day. I have made the following offer to Mr. Thomson and Mr. Mercer and
if agreeable will be glad to exchange with you on the same basis, [illegible]
100 specimens of Minerals (Mica [illegible])
[illegible]

[illegible]

Yours truly
Geo. W. [illegible]
Curator of [illegible]

Feby 6 18

Rev. Thos Morong
Columbia College
New York

Dear Sir

I have just found that I omitted a part of our Potamogetons when the box was sent you. They will go to you by mail with the few we collected this year. We would be very thankful if you would name the specimens sent using the number on the tickets when reporting on them. You will of course keep the loose specimens

Yours Truly
Jas. M. Macoun

Feby 6 18

M. S. Bebb Esq.
Rockford, Ill.

Dear Sir

By to-days mail I send you the specimens you ask for and while I am sorry that those in the first packet were injured I am glad to be able to replace them. Later in the season I shall send you our Salix duplicates in U.S. willows and will be very thankful for any of them you can give us. In exchange for them we will send you whatever you want out of our duplicates

Yours Truly
Jas. M. Macoun

7 Feb 88

Rev. John Murray
Columbia College
New York.
Dear Sir:

I have just found that I committed a fault, or [illegible] when the [illegible] was [illegible] you. [illegible] to you by mail with the [illegible] collected this year, we were [illegible] if you would excuse the [illegible] [illegible] the [illegible] [illegible] [illegible]. [illegible] will [illegible] [illegible] the [illegible] [illegible].

Yours truly
Geo. W. [illegible]

7 Feb 88

W. S. Field Esq.
Northfield, Mass.
Dear Sir:

[illegible] I [illegible] [illegible] [illegible] which I [illegible] [illegible] that [illegible] in the first [illegible] [illegible] [illegible] I [illegible] it to [illegible] [illegible] [illegible] in the [illegible] I [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

Yours truly
Geo. W. [illegible]

10847

Feb. 9th 1

My dear Madam

Your note with the specimen reached me today. I am inclined to think my specimen is distinct from the one sent. My plants seem to have their leaves more imbricated and the leaves longer and narrower. I have written to Kindberg today regarding it and asking him to have C. Muller compare my specimen with the type of B. lanceolatum.

I have now reached Fontinalis and have a number of corrections to send:

Bryum Warneum = B. Edwardsianum Kindb.
126 Bryum murale = B. micro-erythrocarpum C.M.&K.
208 Cinclidium subrotundum = C. stygium
156 Philonotis [illegible] = Bartramia Menziesii
152 " Macounii = P. Muehlenbergii, Brid.
197 Mnium [illegible] = M. pseudo-lycopodioides C.M.&K.
121 Bryum obconicum = B. heteroneuron C.M.&K.
Pogonatum capillare = P. brevicaule
" contortum = erythrodontium Kindb.

I am busy putting out for you and other

Feb 9th

My dear [illegible]

Your note with the specimens reached me today.
I am inclined to think my specimen is distinct from
the one sent. My plant seems to have thin leaves more
pubescent and its leaves longer and narrower. I beg
[illegible] to [illegible] without separating it and asking him
to have [illegible] compare my specimen with the type
of [illegible].

I have now reached [illegible] and have a
number of [illegible] to send.

Polygonum [illegible] = P. [illegible]

26 Polygonum [illegible] = P. [illegible] C.B.Cl.

206 [illegible] = C. [illegible]

184 [illegible] = [illegible]

182 " [illegible] = P. [illegible]

187 [illegible] = R. [illegible] C.B.Cl.

181 Polygonum [illegible] = P. [illegible] C.B.Cl.

Polygonum capitatum = P. [illegible]

" [illegible] = [illegible]

I am busy putting out for you and [illegible]

2

specimens of all my new species and some things but I have not enough of [illegible] duplicates to send any subscribers. You and Prof. [illegible] will come first on board. All my collections are not named yet but I have many fine things to send you.

Thanks for the kindly notice of Pearson's list. Dr. Britton did not notice that I got in the Bulletin. Now I do thank him for the notice in the "Garden" 2. It was first class and I am proud of it.

My list of Sphagnum has reached 28 species. [illegible] new [illegible] Warnstorf.

Wishing you every success in your work. I am very sincerely yours

John Macoun

Mrs. E. G. Britton
Columbia College
New York.

P. S. If you have the revised list send it to Prof. [illegible].
J. M.

pleasure of all my own [illegible] and some things
that I have not enough of [illegible]
whereby. You and Prof. [illegible] will [illegible]
reward. All my [illegible] are not [illegible] yet
but I have many fine things to send you.
Thanks for the kindly notice of Garnier's
list. Dr. [illegible] did not notice [illegible] in the
Bulletin. [illegible] for the notice in
the [illegible] No. 2. It was first [illegible]
Journal of [illegible].
My list of Lepidoptera has reached
[illegible] pieces, [illegible].
Wishing you every success
in your work, I am very sincerely yours
[illegible]

Mr. C. E. [illegible]
[illegible] College
[illegible]

P.S. If you have the number [illegible]
[illegible]

Ottawa Feb. 98

Prof. W. J. Beal
Agricultural College
Mich.
Dear Sir,

The specimens of grasses you sent me some days ago were mounted to-day and as I was putting them into the cases the thought struck me that their receipt had not been acknowledged. If they were not [illegible] [illegible] receipt. They will prove of great service [illegible] introduced grasses [illegible] when one has only [illegible] to-day [illegible] Your letter was received by Prof. Macoun

Yours truly
Jas. M. Macoun
Curator to [illegible]

No. 949

Jan. 25th [illegible]

Dear Dr. Kindberg

In my work today I came across No. 48 of 1882 named B. [illegible]. Does this stand? What became of Bryum [illegible] and No. 185 Canadian Musci published as B. intermedium var.? I believe we have not the B. [illegible] in Canada or [illegible] only that species unless you find one among the specimens I send with this. I send you the [illegible] Austin and others made B. [illegible]. The only one you made that species was No. 71 of 1886. No. 63 of 1885 is named B. [illegible] but I think it is B. [illegible]. Please have look at this species. You named No. 364 & 347 of 1889 Bryum Brandleri. Does it stand?

Enclosed is a specimen of typical Camptothecium megaptilum Sulliv. sent by Prof. D. C. Eaton. One species he thinks is a form of C. [illegible]. My specimens I refer here to No. 126 of 1889 & 371 of 1890. My opinion is that it may be Mitten's new species C. [illegible] Please examine No. 93 & 98 of 1889 which you

Jan. 27th

Dear Dr. [illegible]

In my recent letter I have asked No. 65 [illegible] B. Cook. Can this be [illegible]? What [illegible]

[illegible]

Lel Feb. 9th 1890

2

named Moniera medicana [illegible]. I think they are M. [illegible], Mitt. No 247 of 1888 was named Moniera [illegible] [illegible] you still keep them there? You named No. 325 of 1889 [illegible] palmae but you omit it from the list. Please take another look at it as my specimens is laid aside until I hear from you. Please note No. 346 of 1890 you name it P. [illegible] also No 269 of 1890. This species you name P. [illegible] but it looks to me like a variety of P. communis.

Today Mr. [illegible] writes me and [illegible] the [illegible]

= a plant [illegible] [illegible] in fruit

+ and [illegible] are [illegible] [illegible] [illegible] [illegible] Mull. C. Mull. ought to be able to [illegible] this [illegible] quite easily.

I have now [illegible] [illegible] to you. [illegible] as you have sent all my [illegible] [illegible] from you in a long time.

Very truly yours
John [illegible]

Dr. Dr. Kindberg
Linköping
Sweden.

[illegible] [illegible] [illegible], [illegible] [illegible] Mull. [illegible] [illegible] and [illegible] [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

Dear Sir:

[illegible] check list [illegible]

[illegible]

[illegible] a few plants for you. [illegible]

a few days. When your list is published [illegible] with

I shall [illegible]

[illegible] for you.

Yours truly

[illegible]

Curator of Herbarium

W961

Feb. 5th

My dear Sir

Your letter with the names of the Sphagna came some time since and today I send off two packets one containing 30 species of named mosses and another with the balance of the Sphagna. The latter as you will see is made up of older and newer but they represent the best of the material on hand.

This spring and in the course of the coming summer I will make special collections of Sphagna and as you suggest and make good specimens of all forms whether common or not.

I am glad to learn that S. [illegible] and S. [illegible] n. sp. were amongst those I sent last. The former was from Newfoundland on the Atlantic while the latter was from Vancouver Island on the Pacific Coast or over 4000 miles apart. You may not be aware that we have two railways that extend from the Atlantic to the Pacific and you can eat and sleep on the train from one side to the other.

2.

In a few days I will send you some more Mosses and skins to [illegible] [illegible] and [illegible] many other

I will try and obtain specimens of [illegible] from other parts of our great country besides those I visit myself and by this means may get other specimens than I have [illegible] to you.

Very truly yours
[illegible]

Hon.
C. [illegible]
[illegible]
[illegible]

[illegible]

Feb. 7th 1

My dear Sir

The specimen of Hudsonia ericoides? reached me in due time. I leave it just as you make it. I cannot say it is exactly correct and I am unable to say it is not. I will be in Boston in a couple of weeks and will see a specimen of H. ericoides there. We have none.

If you want the specimen again I will return it. I name it as you do for the present.

Very truly yours

Mr. J. Dearness
London
Ont.

Ottawa Feby 18th

Mr. J. A. Morton
Wingham, Ont.
Dear Sir

Your letter of the 12th.
with $1.00 enclosed was received to-day. The lists are [illegible] until
[illegible] my house and will not be sent you [illegible] each
[illegible]. As regards the number of specimens [illegible] the
[illegible] ; you can determine that by [illegible] two three or four.
if large one will do. If small [illegible] and as com-
[illegible] would much prefer introduced plants [illegible] as you can
plete a set of those found in your locality. [illegible] indigenous species.
[illegible] from [illegible] acceptable than [illegible] become
[illegible] wild and [illegible] about to
[illegible] species that have [illegible] as we are [illegible] plants
established are much wanted too [illegible] and adventitious year
[illegible] of naturalized [illegible]. Every
[illegible] ordinary [illegible], and our [illegible]
quite apart from our introduced plants, [illegible] species mounted
is adding to our list of [illegible] (over 2000 [illegible] easier to
collection is growing so rapidly [illegible] much
this winter) that it will now be

determine new finds. Had I time I would make out a list of the plants we want specially but should I go to the field as early as usual I shall have only two months in which to get my winter work done and I am not quite through with the Gamopetalae yet & last season's collecting. I quite agree with you that it is better to put off the publishing of a new list until things have reached a firmer basis. We will have I dare say [illegible] new species and varieties this year. I shall have 50 new species and [illegible] Polypetalae added and send with this a list of the Polypetalae added [illegible] 100 species whereas a complete list takes one. Send me [illegible] and I shall take time to send you [illegible] at once you a [illegible] of your [illegible]

Yours Truly
Jas. M. [illegible]

Feb. 10th [illegible]

My dear Sir — [illegible]

Your letter and parcel came in due season

You are quite right about G. Andrewsii. I was deceived by the erroneous specimens which had white flowers and are the picture of G. [illegible] of the old books. I am still of opinion that your G. saponaria is G. linearis var. lanceolata.

In Gray's Manual the descriptions are not the same as in his Synoptical Flora Page 123. In the latter he says of G. saponaria — "Corolla light blue an inch or more long, its broad and roundish short lobes erect, little and often not at all longer than the 2 cleft and many-toothed intervening appendages". Of G. linearis he says — "Corolla blue an inch or more long, narrow-funnelform; the erect lobes are roundish-ovate and obtuse, 2 lines long, a little longer than the triangular acute and entire or slightly 1–2 toothed appendages".

I have examined the Polygonum again and send you a sample of leaf and fruit of P. amer.

2

We have very few specimens of Ontario plants not having collected in the province since 1858 except a few days along Lake Erie in 1882.

I cannot make out any [illegible] on the [illegible] of your plant but [illegible] it may be P. [illegible] as you say [illegible] not be fruiting but [illegible] my [illegible] specimens [illegible] autumn. As [illegible] see above the [illegible] is on page 441 of the Manual. According to the manual P. hydropiperoides is [illegible] according to the description it is not. Better keep it and make your investigations further.

Yes. I [illegible] the name of the variety in [illegible] I mistook your meaning in the above lines. My [illegible] name is all right. [illegible] in the original description [illegible] but subsequent [illegible]

Vol. II, 142.

Watson has only admitted that the [illegible] is new. [illegible] it will be described by him the coming spring. [illegible] mine does not refer to the [illegible]. See Part V. Page 315. The two genera are wanting [illegible] as well as the species. [illegible] thought you had the variety [illegible]

4

The bract is always below the flower and [illegible]
to the leaves and if you observe exterior (calyx) part of
the flower. I am quite sure (d) is the [illegible]
I am glad you returned the specimens
as by doing so you made [me] put more time on them
than I did on the first examination. The trouble
is I have too much on hand.

Very truly yours
John Macoun

Mr. J. A. Morton
Barrister
Wingham
Ont.

I am afraid I cannot name your Cuphea plant. It seems to be a Cuphea but we have nothing like it. It is evidently an interesting plant. Dr. White of [illegible] sends his [illegible] & I am going over it now. He has a [illegible] out in Genera.

My [illegible] has told you that we are [illegible] with you by your sending your own specimens without reference to what we want. You may expect good specimens from us this time.

I have carefully examined the [illegible] plant and am satisfied it is a depauperate specimen of Cuphea [illegible]. It has fewer [illegible], very likely, and is viscous. It has [illegible] very slender for that species. I may be wrong however and so place a mark of doubt after the name.

Regarding the "Lowest antenna [illegible]" I may ask you to look at Gray's definition for "antenna" at Page 7?? of his new Manual. My explanation is that "Lowest antenna [illegible]" is an imperfect statement according to Gray's definition, but that according to Gray's definition the [illegible] (?) is the antenna one as it is nearest the [illegible] and hence would be nearest the [illegible] of that [illegible] one.

Ottawa Feb 17th 1

Mr. Geo. W. Letterman
Allenton Mo.

Dear Sir

With this I return to you
list of duplicates having marked our desiderata about
it also. I shall within a week or so send
a little number of your desiderata, in exchanging
[illegible] are in [illegible] to give what will mainly fill
ordinary herbarium sheet, except of course where
specimens are very small or where the there is a
more one

Yours Truly
Jas. M. Macoun

No. 957

Ottawa Feby 1916   1

Mr. Geo. White
Edmonton, Ont.

Dear Sir

Your plants were duly received a day or two ago and I have just looked over them. The specimens are good indeed and among them are many that we wanted for our herbarium. Four species were incorrectly named in my opinion. Panicum latifolium is P. xanthophysum; Euphorbia glyptosperma = E. maculata; and Epilobium palustre = E. lineare Muhl. = the E. palustre var. lineare of the old manual which is not exactly the E. palustre of the new manual. You will see in the new manual that E. lineare belongs to the group of Epilobiums that have the stems without decurrent lines while E. palustre goes with the group with "stems somewhat quadrangular with 2-4 ridges of hairy lines decurrent from some of the leaves". The specimens you sent as Ranunculus hispidus are, I think, they may be R. septentrionalis but that cannot be determined without fruit. R. repens but these cannot

R. [illegible] has the reclining stems "rooting a new rooting"
your specimens were rooting from [illegible] [illegible]; [illegible]
[illegible] of R. [illegible] in his manual (1880) which
includes much of what was called R. [illegible].

As soon as I have time — [illegible] or [illegible] I
hope — I shall send you [illegible] specimens and again
to continue the [illegible].
your list. If you can [illegible] another lot of specimens
you can [illegible] send me [illegible] and [illegible] send only
[illegible] plants preferred and [illegible]
those collected in your own country

Yours truly
Jno. M. [illegible]

No. 85[illegible]

Ottawa Feby 18th 1

Mr. Walter Deane
5 Brewster Place
Cambridge Mass.

Dear Sir

Your letter of the 16th was [illegible] to-day and I have directed our librarian to send Part II of my fathers Catalogue. The demand has been [illegible] for the Catalogue ~~that~~ it is now only sent to [illegible] and those who contribute something toward it [illegible] herbarium so ~~that~~ I fear your friend can only get last Part by purchase. The price is 25¢ and it can [illegible]ed only from Dr. Thorburn our librarian who has complete [illegible] of all the G.S. publications. I am ashamed to ask [illegible] I am indebted to you for [illegible] to what extent I am I shall send you [illegible] but if you will tell me [illegible] the [illegible] to make up [illegible] [illegible] and [illegible] [illegible] Mr. Deane's. [illegible] glad to [illegible] of [illegible]

Yours truly
Geo. M. Macoun

Feb. 17th 1

My dear Sir

I have your letter of the 13th inst. Please accept my thanks for the list of corrections. My son had the work all to do after I left last spring and paid evidently too little attention to the numbers.

Regarding No. 1636 I may say that the 1636 of Part V is Pursh's Marilandica and No. 3165 is his lanceolata. My meaning may not be clear.

I did not follow Gray in the arrangement of the Genera but Bentham and Hooker's Plantarum. Gray's Manual is a little behind the times but so in Lesquerella. [illegible] remains as it was.

I never saw L. thymifolia from New Brunswick and it stands on the authority of Prof. Fowler. I doubt if it is anything but L. minor not the variety. We will note the changes in the figures.

Very truly yours
John Macoun

J. A. Morton Esq.
Wingham
Ont.

P. A. B. montana = L. montana
J. M.

Feb. 1900

My dear Sir

I have your letter of the 13th inst. Please accept my thanks for the list of corrections. My own list [illegible] are not [illegible] after I left last spring and [illegible] evidently too little attention to the numbers.

Regarding No. 1636 I may say that the 1636 of Part V is [illegible] Maitlandia and No. 3165 is his [illegible]. My meaning may not be clear.

I did not follow Gray in the arrangement of the Genera but Bentham and Hooker's Plantarum. Gray's Manual is a little behind the times but of [illegible]. [illegible] remains as it was.

I never saw A. [illegible] from [illegible] and it stands on the authority of Prof. [illegible]. I doubt if it is anything but [illegible] not the variety. He also [illegible] the change in the figures.

Yours truly
John Macoun

[illegible] Esq.
[illegible]
P.O. [illegible]

Ottawa Feby 1911 [?] 1

Dr. J. C. White
Toronto

Dear Sir

To-day I have returned to you your specimens which have been examined by Prof. Macoun. He is leaving to-day for Boston & would have written to you himself. He wishes me to say that the ~~mosses~~ Lichens and fungi were not named as he does not trust himself to determine any crypto-genus but Mosses & Hepaticae. He will be glad to determine any specimens your sons may collect next year and which they may have difficulty in naming.

Yours truly
Jas. M. Macoun

Ottawa 4 Feby 1911

Dr. J. C. White
Toronto
Dear Sir

To-day I have [illegible] to
you [illegible] specimens which have been examined
by Mr. Macoun. [illegible]

[illegible]

Yours truly
Jas. M. Macoun

Feb. 19th

My dear Mr. Fletcher

I have examined all the specimens. The
Deschampsia ~~Deyeuxia~~ are all forms of C. caespitosa. The very
tall one is no doubt the maritime var. Bottomi-
I put a small piece of C. flexuosa between
leaves of the book. See Gray's Manual. C. fle-
has a bent and twisted awn, while C. caespitosa
a short straight one.

I have carefully examined A. tenuis an-
will have to agree with Vasey as he understand-
the species ~~[illegible]~~. His A. tenuis seems now to
numberless. We have forms of A. caninum that com-
close to yours and we have one doubtful A. tene-
that also comes close to it, named by Vas-

If nothing had been said about your sp-
men I would have placed it with A. divergens a-
is closely related to A. tenuis if not as one
forms of it. I leave tomorrow

Very truly yours
John Macoun

* but A. from Calgary is the common form increased in size by cultivation.
J.M.

Feb. 19th

My dear Mr. Fletcher

I have examined all the specimens. The [illegible] are from J. C. [illegible]. The [illegible] tell me is no doubt the [illegible]. [illegible] just a small pair of C. [illegible] between [illegible] of the [illegible]. In Gray's Manual. C. [illegible] has a [illegible] and twisted awn, while C. [illegible] a short straight one.

I have carefully examined the [illegible] & [illegible] will have to agree with Gray as he understands the species name. This C. [illegible] seems near to [illegible]. We have some of C. [illegible] that [illegible] also the [illegible] and we have no doubt the [illegible] that also comes close to it, named by [illegible]. If nothing had been said about your [illegible] [illegible] I would have placed it with C. [illegible] [illegible] is clearly related to C. [illegible] if not an [illegible] form of it. I have [illegible]

Very truly yours
[illegible]

* [illegible]

No 920

Feb. 19th

My dear Sir

Your letter came yesterday and the parcel today

I leave for Boston tomorrow and will be there till

the 4th of March. My address will be 217 Huntington Ave.

I have seen over all your specimens up to

Platygyrium and report as below. Where I give the

numbers I agree with you. The others I give my opinion

only and ask you to see if I am right and let

me know. When I return I will examine critically

any that may be still in doubt.

103, 45, 100, 33, 108, 30, 86, 57, 105, 26, 89 28, 9, 31, 94

101 var. lanatum, 14 is scarcely a variety worth recording

1 Anomodon rostratus, 34; 69; 62; 97; 68; 87; 65; 46; 39; 5

11? heteromalla; 12 c. sphaerium; 6 is new var. ecoperiforme

43, 102, 92; 87 is hardly true var. gracilis. ~~[illegible]~~ 86, 97.

90 asperula, 60; 91 + 93 I believe both these are juniperinum

Please examine the leaves will distinguish them. 95, 52, 48, 19

109 Ohioense? 29, 60 Schraderi.

107 is not B. fallax it is more likely

B. caespiticium. 51 very likely right. 110 I must examine. 13 looks

correct. 23 I would call it L. polycarpa. Please examine.

36 I can scarcely believe that this is correct. It does not

400

Feb. 15th

My dear Sir

Your letter came yesterday and the fossil today.
I leave for Boston tomorrow and will be there till
the 1st of March. My address will be 217 Washington Ave.
I have now seen all your specimens except the
Platysomus and report as below. Where I give the
names I agree with you. The others I give my opinion
of and ask you to see if I am right and let
me know. When I return I will examine critically
any that may be still in doubt.

100, 46, 100, 33, 108, 30, 56, 67, 106, 26, 89, 28, 9, 31, 94
101 [illegible], It is scarcely a variety worth recording
1 Annularia [illegible], 34, 39, 62, 97, 68, 87, 55, 46, [illegible], 5
111 [illegible]; 12 [illegible]; 96 is new sp. [illegible]
43, 102, 92; 87 is hardly true sp. [illegible] 86, 97
90 [illegible], 60; 91 + 93 I believe both these are [illegible]
Please examine the same and distinguish them. 95, 57, 48, 17
107 [illegible]? 29, 60 Johnsoni
107 is not B. [illegible] It is more likely
B. [illegible]. 51 very likely right. 110 I must examine. 13 looks
correct. 25 I would call it [illegible]. Please examine.
36 I can scarcely believe that this is correct. It does not

2

seems to agree with the description. I do not recollect 23, 36 nor 51.

Why you write Weisia Americana for Webera Hutchinsiae I cannot see as Weisia viridula is not the same genus as [illegible] how you fix it.

Kindberg says the nomenclature is far from settled and so we are keeping pretty close to the generic names of the Manual.

This disposes of all the specimens up to Platygyrium. Let me know what you make of my corrections.

Your specimens of Hypnum are very fine. I know many of them by sight but the Brachythecium will all be sent to C. Mueller as he and Kindberg make no less than 15 new species of this genus out of my material. You have doubtless some of these and these I am not sure of I will send to Europe for identification. You may not agree with these gentlemen splitting the genus up so fine but if we get them separated we will have gained something.

Very sincerely yours
John Macoun

Geo. N. Best M.D.
Rosemont
New Jersey

No. 962

Feb 20th 1

Dear Prof. Eaton

Your note of 27th Jan. came in due season. I am quite sure you are right that 439 is not Hypnum megaptilum but as yet I cannot say what it is as I have just reached Platygyrium in my revision. H. lutescens is badly mixed up and our H. megaptilum may be Mitten's new H. fulgescens. Since I wrote I have made the following corrections.

164 Webera pulchella = columbica, Kindb.
Bryum Warneum = Edwardsianum, Kindb.
Pogonatum ~~brevicaule~~ capillare = P. brevicaule
" contortum = P. erythrodontium, Kindb.
233 Fontinalis Kindbergii = F. antipyretica var. Kindbergii
231 " Lescurii = F. disticha
F. Novae-Angliae
432 " tenella =
G. abietina
462 Alsia Macounii =
242 ~~+241~~ Homalia trichomanoides } = H. Macounii, S. & L.
obtusata }
243 " = Anomodon heteroideus, Kindb.
395 Leskea nigrescens
252 " nervosa in part, is this. Very truly yours
John Macoun

Prof. D. C. Eaton
New Haven, Conn.

Feb 20th 1

Dear Prof. Eaton

Yours rec'd of 17th inst. came in due season. I

am glad since you are right that 432 is not Polygonum

magellanicum but as yet I cannot say what it is

as I have just reached Polygonum in my

revision. The Latin name is badly mixed up and the

the magellanicum may be different from the Polygonum

since I wrote I have made the following corrections.

164 [illegible] = [illegible], Hook.

[illegible] = [illegible], Hook.

[illegible] = O. [illegible]

[illegible] = O. [illegible], Hook.

233 [illegible] = H. [illegible]

231 " [illegible] = H. [illegible]

432 " [illegible] = H. [illegible]

462 [illegible] = O. [illegible]

248 [illegible] = H. Macounii, L. & J.

246 " [illegible]

396 [illegible] = [illegible], Hook.

252 " [illegible] in part; in the [illegible] Macounii

[illegible] Eaton

New Haven, Conn.

2

I leave this afternoon for Boston and will be there for ten days and more. I will have a look at R. albiflora ambigens when at Harvard. If there are other species you would like me to examine let me know. My address will be 217 Huntington Ave. C/o Geo. R. A. Kingman, Boston.

On receipt of this write my son (here) what genus or species you want to see and he will box them up and send them down at once. Our duplicates of Polypetalae are getting scarce but we can send you a good series of the other sections, and many very fine specimens of the Polypetalae collected last season. I will be at the Montreal Meeting.

Very sincerely yours

John Macoun

Geo. G. Lawson
Halifax
N.S.

I leave this afternoon for Boston and ask the

Feb. 28th 1

Dear Dr. Lawson

Your letter with the P.O. order came yesterday. Please accept my thanks.

I am very glad you are with us in regard to Prof. [illegible]. We have already nominated him. Dr. G. M. Dawson and Mr. James Fletcher joined with me in the recommendation.

You are quite right about the [illegible]. It has always been labelled [illegible] in our herbarium but the notes in Part III were written [illegible] and I cannot [illegible]. Very likely I went away on the [illegible] and never changed the name from [illegible] by all means.

We obtained some new forms of Ranunculus (especially of occidentalis) last summer but our [illegible] stands now a good deal like what you will find it in Part V.

In 1889 I obtained a hybrid, between Ranunculus [illegible] and [illegible], at [illegible] B.C. It is very much like [illegible] R. intermedius which is a hybrid between R. [illegible] & occidentalis.

Feb 29th

Dear Mr [illegible]

Your letter with the C.O. notes came yesterday. Please accept my thanks.

I am very glad you are with me as to Prof. [illegible]. He has already nominated him. Dr. G. M. [illegible] and Mr. James [illegible] joined with me in the recommendation.

You are quite right about the [illegible]. It has always been labelled D. [illegible] in our herbarium but the note in Part III was written recently and I cannot tell why. Very likely I went wrong on the [illegible] and then changed the name from D. [illegible] by an error.

He obtained some new forms of [illegible] (especially of [illegible]) but [illegible] not much like what you [illegible] in Part 4.

In 1889 I obtained a hybrid between [illegible] and [illegible], at [illegible] [illegible]. It is very much like [illegible] which is a hybrid between [illegible] [illegible].

No. 844

Feb. 29th

Dear Prof. Fowler.

I have been very busy all winter and have ~~catalogued~~ up to Platygyrium – 600 species. A day or ~~two~~ since I returned a list of the duplicates named. The Sphagnums were all named by Warnstorf. Some of the others by Lindberg.

I am leaving ~~today~~ for Boston and will be absent for ~~two~~ weeks.

About Christmas I wrote Prof. Lawson regarding your election as a member of the Royal Society and yesterday [illegible] from him in which he endorses you and writes flatteringly of you. I got tired waiting for an answer from him and some time since enlisted Dr. Cameron and Mr. James Fletcher and some two weeks since sent your name to the Secretary as our candidate under a rule made last year.

I would be glad if you would write your New Brunswick friends and others stating the above facts. The four names mentioned are the only ones

Feb. 27th 1

Dear Prof. Fowler

I have been very busy all winter and have [illegible] the Photogravure — 400 plates. [illegible] day [illegible] I returned [illegible] [illegible]. The photogravure was [illegible] by [illegible]. [illegible] by [illegible].

I am leaving today for [illegible] and will be absent two weeks.

About Christmas I wrote Prof. [illegible] regarding your election as a member of the Royal Society and yesterday [illegible] from [illegible] in which he welcomes you and [illegible] of you. I got [illegible] writing for [illegible] and [illegible] since [illegible] Dr. [illegible] and Mr. [illegible] and [illegible] these [illegible] last year [illegible] to the [illegible] as new candidates [illegible] made last year.

I would be glad if you would write your views [illegible] friend and other relating to [illegible] facts. The [illegible] [illegible] as the only one

2

I have spoken to and I see no difficulty in me getting a majority as Bingee & Saunders will be with us. You might drop a a line to Dr. Bell and Sir James Grant as I do not care to canvass them.

Believing in the success of both Sir John and yourself I remain

Very truly yours
John Macoun

Ottawa Feby 20th 1

Rev. A. Waghorne
New Harbor
Newfoundland

Dear Sir

Prof. Macoun
[illegible]nt this afternoon to Boston where he will
remain about 2 weeks. Before leaving he examined
a portion of your plants which I return to
you to-day. The other he will examine when
[illegible] returns. He was much pleased with the
specimens. He will be pleased to see your
scrap-book but all of the scraps you have sent him have been pasted
at different times
in [illegible] one scrap book

Yours Truly
Jas. M. Macoun

No 266

Ottawa July 22nd 1

Mr. Henry Eggert
St. Louis, Mo.
Sir.

Your letter and lists have been received. I shall be very glad to enter into an exchange with you but must ask you to wait until I have received the specimens that are to come from Mr. Letterman, for fear of duplicating species. When they have come I shall mark my desiderata and send your lists back.

Yours Truly
Jas. M. Macoun

No. 867

Ottawa Feby 22d

Hart & Co
Toronto.

Gentlemen

In reply to your card of the [illegible] I would say that I have published a [illegible] Catalogue of Canadian Plants in 5 parts which [illegible] the Libraries of the [illegible] to be had from [illegible] at 25c per part. There [illegible] being sold at [illegible] discount of 25% to the trade I think [illegible]

Yours truly
John Macoun
per Olcha.

Ottawa Feby 24th

Capt. Chas. E. Bendire
Curator Oological Dept.
Smithsonian Inst.
Washington D.C.

Dear Sir

Your letter of the 17th addressed to Prof. Macoun has been received. He is at present in Boston and will not return before March 5th when he will write you himself. I do not think the specimens of Megascops asio of which you wrote is now in existence as with few exceptions the bird skins collected in the year of [illegible] have been destroyed by insects, Prof. Macoun was not here connected with this Dept. and not being at that time [illegible] there being no proper place at that time in which to [illegible] the certainty or uncertainty of his specimens, but of this and the specimens he will write you of the identification of the specimens. I might say in this [illegible] himself when he returns.

connection that during the past four years Prof.
Macoun & myself have collected in all parts of
British Columbia and I on the Athabasca River as far
north as lat. 58°. and we have an immense amount
of material in the form of notes and specimens, and
we might be able to extend the range of some species
for you. Prof. Macoun is now at work preparing
a Catalogue (with localities) of our Canadian Birds
which would have been printed this spring but for
a mass of Botanical work on which we are engaged
so that the Catalogue will not be published before next
autumn. Should you desire additional localities for the
birds mentioned in Mr. Streator's recently published list
I can furnish them as in 1889 we found nearly
all birds he records and a few others and last season
we worked further east and south collecting on the
Columbia in the Kootenai Country as far south
as the boundary

Yours sincerely
Jas. M. Macoun
Asst. Naturalist

No 869

No 112.

Ottawa Feby 26th 1

Rev. J. A. Morton
Wingham. Ont.
Dear Sir

Your letter of the 25th. with the packet of plants has been received. I shall not be able to send you exchange nor look over your plants for some days but in the course of a week or so shall send you the specimens due you. I shall send only western plants as they are the ones you will be least likely to get from other sources. Mr. White does indeed make good specimens, he sent us 100 last week and I have to-day sent him a little mosses in exchange. The time spent in getting them out for him put my other work behind and on that account I must ask you to excuse any little delay there may be in sending your specimens. My father went to Boston a week ago and will not be home until next week.

Yours truly
Jas. M. Macoun

No. 770

Ottawa Feby 27th

Mr. J. Dearness
London Ont.
Dear Sir

Your letter of the 25th. has been received and were it possible I should be very glad to send you plants for the public herbarium at London. I spoke to Dr. Selwyn about the matter and we still wish that we able to collect no specimens in exchange for the herbarium [illegible] to be sent from the herbarium to get the specimens out there. Had I time [illegible] a little and send you at least 100 but I [illegible] I would stretch the point [illegible] more than 1000 specimens [illegible] correspondents. To help Canadians in the field of our various [illegible] I may be I get collectors [illegible] no matter how long [illegible] from them and if ready exchange for plants received [illegible] send us 100 very members of your local club can send a like number or 200 species of plants I shall [illegible] this may be in exchange for which among them such specimens can [illegible] we want for our herbarium

[Marginal note:] to send to [illegible] in exchange for plants received from our European correspondents. Yours truly, [illegible]

[illegible]

No. 471 [?]

Ottawa Feby 20th [?]

Mr. Jas. White
Edmonton Ont.
Dear Sir

By to-day's mail I send you 100 specimens in exchange for those sent me and include a few U.S. plants which perhaps you can use. Our specimens as you will see are not nearly so good as yours but when collecting on a large scale the quality of specimens must be sacrificed in order to obtain a great quantity. I have [illegible] in part [illegible] the quality of some of the species. Your specimens make up for their [illegible] quality [illegible] and so we [illegible] with few exceptions mounted and so we [illegible] thinking you might [illegible] labels I return your [illegible] perhaps be able to use them again. I return your [illegible] and whenever you care to send me [illegible] I shall take time to get out this lot of specimens. Your specimens are among [illegible] in exchange for you.

No. 972

Ottawa Feb. 28th

Prof. Chas. A. Kofoid
Oberlin College
Oberlin, O.
Dear Sir

Your letter addressed to Dr. Selwyn has been handed me by him and I have had our Librarian send you Part II of the Catalogue of Canadian Plants and Pearson's list of Hepaticae. The six parts are also sent to your friend. Part VI — Musci and Hepaticae — will go to the printer in about a month. We shall be very glad of your notes when you have time to complete them and when your flora of Lorain County is published I shall be pleased to enter into an exchange with Prof. Wright or with you for N. C. plants. Our Canadian duplicates contain something like 2000 species and as we have in our herbarium more than half of the plants of the U.S. we shall have no trouble in giving good exchange for plants we may receive.

from yourself or Dr. Wright. I send you to-day a copy of my Check-list of Canadian Plants on which you may mark your desiderata when you are ready to enter into an exchange.

Yours truly
James M. Macoun
Curator of Herbarium

Ottawa July 20th 1

Dr. Chas. Mohr
U.S. National Museum
Washington D.C.

Dear Sir

Your letter of the 25th has just been received. I shall make a note of the plants you would like growing specimens of and procure such of these as I can for you before leaving here or later on if any season's work takes me where such plants are at all convenient. Of one of the plants you mention however I have good material now which is at your disposal, Camassia Leichtlinii, the only [illegible] we have had in Canada although we [illegible] C. esculenta from many localities in Brit. Columbia [illegible] specimens [illegible] have been so named. My father and [illegible] that [illegible] Columbia River early in May last year and [illegible] from the steamer noticed immense patches of blue flowers

[illegible] he was told that the [illegible] was not
growing in the valley, [illegible] that they belonged to [illegible]
really [illegible] it [illegible] that they belonged to [illegible]
[illegible] but what he could not guess; about a month
[illegible] — we [illegible] the same [illegible]
[illegible] found the same spot. The
[illegible] and [illegible] collected a large
[illegible] there [illegible] flowers
[illegible] specimens. A little below this place
[illegible] for some days and while there a large party
[illegible] camped for the same purpose.
[illegible] camped [illegible] the camass bulbs, a [illegible]
[illegible] and cooking the camass [illegible]. These Indians
[illegible] told me that this
[illegible] the whole Columbia River and [illegible] — but in these
[illegible] found in [illegible] localities — [illegible]
in great profusion (they had about 25 bushels) —
[illegible] camped — 10 miles from the U.S. boundary —,
[illegible] the U.S. boundary — and [illegible]
— 15 miles from the U.S. boundary [illegible] in July
[illegible] in Washington Territory. [illegible]
[illegible] several quarts of mature bulbs which I distributed
[illegible] friends who grew bulbs and gave a large number

3

is the [illegible] of the [illegible] [illegible] seem here as well.
some [illegible] any more have flowered however. I have still
in my [illegible] two pots containing half a dozen bulbs each
which are [illegible] to bloom and I have still a few
plants that are just coming into bud, were the [illegible]
changes not so heavy I could pack one of the pots and
send it to you but I can at any rate send you
[illegible] to take a few bulbs
growing bulbs. How would it do [illegible] about to blossom and send
from the earth just as they were [illegible] in [illegible] [illegible]? The blooms
there to you by mail packed [illegible] to be expected but all were
have [illegible] greatly as was [illegible] white. The last bulb which
bright blue while one was pure white. [illegible] were perfect the
flowered had but 2 blossoms but they were [illegible] to the [illegible].
its petal hanging down quite a right angles but so different
our plant is I think simply C. [illegible] that we think
from what has been called C. [illegible] the native bulbs
it quite a find. When I collected the [illegible] from
they were growing in wet sand. So wet that the [illegible]
when they were taken filled at once with water, so that its
habitat might be given as "very wet sand" - while all the

Camassia found in Canada before was in comparatively dry situations.

Yours truly

Jas. M. Macoun

[illegible]

[illegible]

[illegible]

[illegible]

March 2nd [illegible]

Dr. Charles [illegible]
U.S. National Museum
Washington D.C.
Dear Sir,
Your
card was received a few minutes ago
and I have just done up and addressed
to you half the specimens of Phyllospadix
in bare unmounted, if these are not
sufficient the other half is at your
disposal.

Yours truly
Jas. M. Macoun

March 6th ,

Dear Miss Riddleame

With this I send Pearson's List of Canadian Hepaticae with my compliments.

We have specimens of many species of ferns which are not sold but exchanged or presented.

Up to the present we have arranged in Centuries 625 species of Canadian Mosses and these have been sold at eight dollars per century. The Hepaticae will be distributed next Autumn and the Lichens still later.

As the Musci Centuries are scarcely complete now I purpose selling them for the future at six dollars per century. In no case are ~~the~~ the centuries two short.

Should you wish for any mosses I will send you the ferns you desire (if we have them) free of charge.

Very truly yours
John Macoun

March 6th

Dear Miss Rathbone

With this I send Macoun's list of Canadian Hepaticae with my compliments.

We have specimens of many species of ferns which are not all but exchanged or purchased.

Up to the present we have arranged in Centuries 525 species of Canadian Mosses and these have been sold at eight dollars per century. The Hepaticae will be distributed next Autumn and the Lichens still later.

As the Mosses Centuries are nearly complete now I purpose selling them for the future at ten dollars per Century. In no case are the Centuries torn about.

Should you wish for any Mosses I will send you the ferns you desire (if we have them) free of charge.

Very truly yours
James Macoun

Ottawa March 6th /

Prof. Jos. C. Carrier
St. Laurent College
St. Laurent. Que.

Dear Sir

Your letter of Feby 15th was duly received but Prof Macoun was then in Boston and returned only yesterday. In reply to the letter addressed to him he wishes me to say ~~that~~ you must have misunderstood his letter as he only meant to recommend ~~that~~ the best of your specimens be mounted on good paper so as to form the nucleus of a good herbarium. Were the Govt. to undertake such work there would be no end of it. In reply to your letter addressed to me I would say that very soon I shall have time to get out some plants for you

Yours sincerely
Jas. M. Macoun

Ottawa Mch 6th

Prof. C.V. Thurston
Wyoming Seminary
Kingston, Pa.

Dear Sir

Your letter of the 2nd inst. has been handed me by Dr. Saunders the Director of this Department. In reply I would say ~~that~~ while we exchange flowering plants and occasionally send them to colleges the lower forms are never distributed in this way; the centuries of which are for sale only. Mr. J.A. Morton, Wingham, Ont. and Mr. Jas. White, Edmonton, Ont. make good specimens and I dare say will be glad to exchange with you

Yours truly
Jas. M. Macoun
Curator of Herbarium

Ottawa Mch 22 (?) /

[illegible]
Wyoming Seminary
Kingston, Pa.

Dear Sir:

Your letter of [illegible] inst. has been handed me by Mr. [illegible] the Dean of the Department [illegible] reply [illegible] say that while we [illegible] no change [illegible] we occasionally [illegible] men to collect [illegible] men are [illegible] interested in this [illegible] collections of [illegible] which are for sale only. [illegible] J. D. Morton, Wingham, Ont. and Mr. Jno. [illegible], Ont. [illegible] you will be glad to [illegible]

Yours truly
Geo. W. Moore (?)
Curator of Herbarium

Ottawa March 6th 1

Mr. Richard White
Montreal. Que
Dear Sir

Prof. Macoun
wishes me to write you that Part VI of his
Catalogue of Canadian Plants is about ready
for the press and if you could have the
work started and a lot of MS will be
sent down at once. The sooner the work is
Printing Bureau
begun the less danger of
trouble

Yours truly
Jas. M. Macoun

March 6th 1

Dear Prof. Trelease

Your card of Feb. 21st reached here in due time and I thank you much for the corrections. I am still very busy with my Catalogue of Mosses which now reaches over 600. I have nearly 900 species of Canadian Mosses.

The complete set of Canices will reach you before May. I am getting a few out occasionally.

During the coming summer we hope to gather a few more forms of Equisetums, which will be submitted to you.

Very truly yours
John Macoun

Prof. Wm. Trelease
Shaw School of Botany
St. Louis
Mo.

March 6th 1

Dear Prof. Trelease

Your card of Feb 21st reached me in due time and I thank you much for the corrections. I am still very busy with my Catalogue of Mosses which now number over 600. I have nearly 900 species of Canadian Mosses.

The complete list of [illegible] will reach you before May. I am getting a few out occasionally. Owing the coming summer we hope to gather a few more forms of [illegible] which will be submitted to you.

Very truly yours
John Macoun

Prof. Wm. Trelease
Shaw School of Botany
St. Louis
Mo.

March 9th 1

My dear Madam

Your note of the 7th inst. is here. I send a scrap of Hall's Oregon specimen of C. cinhots. He sent me a complete series of his specimens with his Oregon ticket in every case. or the Albums ticket as you say. I have no specimens of it from any point east of the Rocky mountains. Hector is east of the summit of that range. You have my easternmost specimen of the species. McLeod's Lake is west of the Rocky Mountains and in Lat. 55°. My Peace River specimens are from the eastern base of the Rocky Mountains in Lat. 56° and about Long. 120 W.

I am afraid Lindberg and Mueller are making too many species. Three new Pylaisias.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York.

March 9th

Dear Madam

Your note of the 7th inst. is here. I send a number of Hall's Oregon specimens of P. cirrhata. It will be a complete series of his specimens with Oregon written in every case, as the others [illegible] as [illegible].

I have no specimens of it from any point east of the Rocky Mountains. [illegible] is west of the mountains of that range. You have my easternmost specimen of the species. McLeod's Lake is west of the Rocky Mountains and in lat. 55°. My Peace River specimens are from the eastern base of the Rocky Mountains in lat. 56° and about long. 120 W.

I am afraid Kindberg and Mueller are making too many species. These are Polytrichums.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

No. 883

March 9th 1

My dear Mr McKay

I have examined the fungus and can make
nothing of it. It can hardly be a Pleurotus and it
is not a Panus. In my opinion it comes near
Pleurotus ulmarius but that species would hardly
dry so woody. It should belong to the woody Agarics
that come after Marasmius and hence may be a
Panus.

I return it with this letter and would
advise you to send it to Prof. Peck at Albany.
If you should do so let me know what he
makes of it. Send your list of mosses. None of
the manuscript has yet gone to the printer.

We have nominated Prof. Fowler of Queen's
for the Royal Society. I hope you will vote
for him.

Very truly yours
John Macoun

Prof. A. McKay
Educational Review Office
Halifax N.S.

March 9th 1[illegible]

[illegible] Esq.

I have examined the fungus and can make nothing of it. It can hardly be a Clematis and it is not a Berberis. In my opinion it seems more Clematis [illegible] but that species would hardly [illegible]. It should belong to the [illegible] that live after Ranunculaceae and hence may be a [illegible].

I return it with this letter and would advise you to send it to Prof. Peck at Albany. If you should do so let me know what he makes of it. Send your list of names [illegible] the names ought [illegible] got [illegible] the [illegible].

We have nominated Prof. [illegible] of [illegible] for the Royal Society. I hope you will vote for him.

Very truly yours
[illegible]

[illegible]
Educational [illegible] Office
Halifax N.S.

No 289

Ottawa March 1st 1

Dear Sir

Your second parcel of plants has been received but I have had time neither to look over your specimens or get out any for you. I shall be very busy for a few days and I still arranging the MS. for Part VI and will then go to work on your specimens and get ready the exchange for you.

Yours truly
Jas. M. Macoun
Curator of Herbarium

Mr. J.A. Morton
Wingham
Ont.

[illegible]

Dear Sir:

Your [illegible] favor [illegible] [illegible] [illegible]

[illegible]

Yours [illegible]

[illegible]

No 440

Urbana March 9th

Dear Sir

Your letter and parcel of plants were duly received and yesterday the list that I had misplaced came back from a [illegible] in St. Louis, Mo. to whom it had been sent instead of his own. I am very sorry that you should have been given the trouble of making another list. [illegible] I shall check [illegible] given the [illegible] today. The [illegible] to get out the specimens [illegible] time to [illegible] you to wait a [illegible] until I have [illegible] I must ask you for [illegible] at my father's [illegible] you. For there I am still busy at the [illegible] while as I am getting ready for the MS. for Part II which I did not agree [illegible]. I am very glad that the [illegible] California from [illegible] the determination of your [illegible] species. My father agreed [illegible] that it was P. [illegible] but on [illegible] it is of the [illegible] with me that I [illegible] it again carefully, comparing [illegible] of your letter on re-examining and this [illegible] from [illegible] with [illegible] specimens

[illegible] and [illegible] [illegible] [illegible] you were right but
the specimens are by no means typical R. [illegible]
The specimens of [illegible] you send this time are
[illegible] [illegible] [illegible] it [illegible] greatly, & [illegible] [illegible] you
[illegible] R. [illegible], [illegible] and [illegible] [illegible] [illegible] in [illegible]
R. [illegible] [illegible] [illegible] [illegible] your specimens.
[illegible] [illegible] [illegible] [illegible] R. [illegible] "[illegible]
The [illegible] [illegible] [illegible] of [illegible] commencing to flower by
[illegible] in size and foliage, commencing [illegible] [illegible] [illegible]
[illegible] [illegible] in [illegible] before any leaf [illegible] [illegible] but
[illegible]" R. [illegible] is "nearly [illegible] [illegible] [illegible] in flowering
the "[illegible] [illegible]" [illegible] are only [illegible] [illegible] the style is "long and
specimens in R. [illegible] the [illegible] [illegible] on the [illegible]
[illegible], [illegible] at the tip, [illegible] on the [illegible] and R. [illegible]
[illegible] [illegible] [illegible]" in R. [illegible] and [illegible] margin,
the style is "[illegible], [illegible] along the inner [illegible] this [illegible]
[illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] of [illegible]
in Part II. We shall be glad [illegible] [illegible] [illegible] if you can get them
[illegible] specimens [illegible] [illegible] [illegible] [illegible] [illegible]
and [illegible] the matter may be cleared up [illegible] [illegible]

[illegible]

3 [illegible] collected June 20 '15, in [illegible]
satisfaction. Your [illegible] collected [illegible]
[illegible]. This species is very variable, as is [illegible]
[illegible]. [illegible] specimens collected July 1914 along
[illegible]. [illegible] the [illegible]
[illegible] are all [illegible] (?) while the
collected at [illegible] in [illegible].
as [illegible] leaves [illegible] in the
[illegible], with many [illegible] specimens [illegible]
[illegible] color of its flowers [illegible] of this species.
while your specimens are all [illegible].
your [illegible] are [illegible], the
the specimens [illegible] along the
leaves [illegible] larger than [illegible] "[illegible]"
[illegible], and [illegible] the flowers [illegible]
[illegible] a variety, [illegible]
leaves and your [illegible] this [illegible]
[illegible] specimen [illegible] is only
[illegible] growth. Your [illegible] the
[illegible] flowers [illegible] in your specimen
[illegible]

110 / 11

Ottawa [illegible]

they were perfectly smooth. I have endeavored to give you my reasons for the changes made but if you are not satisfied with them in any instance I shall be glad to be set right myself or try again [illegible] If there are any species of which I have [illegible] I can send you to convince you. [illegible] you would like to see specimens [illegible] not duplicates [illegible] mounted sheets [illegible]

Yours sincerely

Jas. M. Macoun

Curator of Herbarium

Rev. Jas. White

[illegible] Ont.

No 991

Ottawa Mch. 11th

Dear Sir,

Your letter of the 6th. inst. was duly received. As regards Camassia I would say that if you do not want the bulbs just now I shall wait a few weeks before sending them, for this reason. Besides Camassia Leichtlinii of the existing [illegible] I remembered that I had one large bulb of C. [illegible] which had been sent me from Vancouver [illegible]. I would like to see this flower so as to compare it with C. esculenta while both are growing. I can then send you bulbs of both species in the same fresh condition as both will be taken from the earth at the same time. You can then compare the two species also. I can send you C. esculenta at any time however.

Many thanks for your offer to send me [illegible] but I have [illegible] nothing just now that we [illegible]

particularly want as we have several correspondents in
the Eastern States with whom we exchange specimens,
anything from west of the Mississippi [illegible] will
be acceptable. We exchange plants with several
English botanists, with Kindberg in Sweden, Warming
in Denmark and Miss [illegible] in Switzerland and [illegible]
[illegible] something like 8000 species
have still [illegible] work on so that I will
received from Kew some years ago [illegible] European
not be until [illegible] while he [illegible] any [illegible] making
plants. You need not think [illegible] sent either to young
any return for the specimens [illegible] always glad to
[illegible] the Nat. Museum as we are [illegible] want them and
send specimens to anyone who [illegible] as complete a
can make them. I shall send you as possible in a week
series of our complete plants
or so
Yours sincerely
Jas. M. Macoun
Curator of Herbarium

Dr. Thos. Holm
U.S. National Museum
Washington D.C.

Ottawa Mch. 27th 1

Rev. Joseph C. Carrier C.S.C.
St. Laurent College.
Que.

Dear Sir

Your letter of the 11th. inst. was duly received. In reply I would say that as soon as I have time, which will not be for some weeks yet, I shall be glad to make up a collection of plants for you from among our duplicates. We are just now so very busy that I have no time for that sort of work.

Yours Sincerely

Jas. M. Macoun

Ottawa March. 1888 1

Mr. C. Bicknell
Bordighera. Italy.
Dear Sir

Your letter of the 27th inst. has been handed me by our librarian. In reply I would say that we shall be very thankful for any plants you may care to send and if at the same time you will tell what plants from Canada you would like in exchange for them I shall be glad to send them to you.

Yours Sincerely
Jas. M. Macoun
Curator of Herbarium

Ottawa Mch 6. 188[illegible]

Dr. Sereno Watson
Cambridge. Mass.

Dear Sir

I sent you yesterday
a packet containing the Gamopetalae collected by
us ~~the~~ last season of which specimens have not
been sent you of late years. Among them are a number
specimens of which we are not quite certain of the
determinations, of these I enclose a list which I shall
be glad to have you return when you have the time
to look over the specimens and correct our determinations
where necessary. Should you find that any species not
included in the list are incorrectly named please make
a note of them. We have in our Herbarium but two
specimens of Cicuta virosa, neither of which are large plants.
I enclose a little fruit from each specimen

Yours Sincerely
Jas. M. Macoun
Curator of Herbarium

Ottawa March 20th 1

Dr. Theodor Holm
U.S. National Museum
Washington D.C.

Dear Sir.

Yesterday I sent to you for the U.S. National Museum a packet containing 128 species of plants mostly composites that had not be sent you before. Many of the specimens are not very good but I am trying to send you as complete a set as possible of our Canadian plants. If any specimens that you do not care to have mounted for the museum can be sent to other collectors. We would be glad if you would compare the specimens labelled Troximon gracilens, Arnica latifolia subpar., Hemizonella minima and Aster Oreganus var. viscidula with specimens in your herbarium and let me know whether they are correctly named and we will as always be grateful for any corrections in the naming of specimens sent you.

Yours truly
Jas. M. Macoun

Ottawa March 21st 1

Mademoiselle!

Your letter of Feby 28th and the packet of plants have both been received, and to-day I have sent you a small packet containing 85 species. I regret very much that I cannot send you such beautiful specimens as those we receive from you; but I send always the best I have. It will be better that you should not send me any more plants before next autumn as that will give me time to send you the plants that are due you. In a few weeks I shall send you another packet containing Gamopetalae and these specimens will be better than any you have yet received from me. Trusting that your health has improved I remain

Yours very sincerely

Jas. M. Macoun

Mlle. Rosine Masson
Place St. François 2.
Lausanne.

No 887

Ottawa Mch. 23rd 1

Dear Sir

You would very much oblige Prof. Macoun if you could send him the localities for the Canadian mosses you have in your herbarium. The list of mosses is now being printed and he would like to include those that you have. I send you a few plants and hope to make up a large packet for you in a few weeks

Yours Truly
Jas. M. Macoun

Ottawa Mch. 23. [illegible]

Dear Sir

You would very much oblige Prof. [illegible]
if you could send him the localities
[illegible] you sent to your
[illegible]
[illegible]
[illegible]
[illegible] a few plants
[illegible] a large number of
in a few weeks

Yours truly
Geo. M. Macoun

March 28th 1

My dear Sir:

Three days since Mr. J. B. Tyrrell of this Survey placed a note of yours in my hands in which you made enquiries regarding our bats.

Two days since my son sent you a box containing six specimens which I would be glad to have you name and return excepting one of the Kamloops specimens, which is a duplicate.

I have charge of the Natural History section of the Survey and having finished pretty nearly the Botany of the country I am now working up the Fauna. We have skins of some of the smaller Mammals and hope to get many others the coming summer. At any time I will be glad to assist you in any way I can either by giving you skins or sending down anything we have you might like to examine

Very truly yours
John Macoun

Dr. Harrison Allen
1933 Chestnut St.
Philadelphia
Pa.

March 28th 1[...]

Dear Sir:

Three days since Mr. J. B. Tyrrell of this [city] placed a note of yours in my hands in which you made enquiries regarding our bats.

Two days since my son sent you a long interesting [series of] specimens which I would be glad to have your name and return one of the Numbers specimens, which is a duplicate.

I have charge of the Natural History section of the Survey and having finished fairly well the Botany of the [Dominion] I am now working up the Fauna. We have skins of most of the smaller Mammals and hope to get [some] of the larger soon.

At any time I will be glad to assist you in any way I can either by giving you advice or sending down anything we have you might like to examine.

Very truly yours
John Macoun

[...]nian Allen
1333 Walnut St.
Philadelphia
Pa.

Ottawa March 31st. 1891

Mr. J. A. Morton
Wingham. Ont.
Dear Sir.

Your letter of the 27th inst. was received yesterday and ~~as~~ I have as you desired underlined the names on your list that are now most generally accepted by American botanists. In preparing my check-list I had at hand all the recent monographs and revisions and made all the changes ~~that~~ I thought necessary giving at the same time the name used in my father's Catalogue. Since the list was published there have been at least twice as many changes made — not however affecting the changes made in my list as in these cases solid ground had been reached —. The new Manual ~~but~~ was not yet published, nor would I have used it had it been for Gray accepted only such nomenclature as did not clash with his own nomenclature. Part VI will contain nothing but a Catalogue of Mosses nor will there be any attempt made to revise the former parts for a long time yet, although no doubt an addendum will be published next year. I enclose a partial list of recent additions to our flora in which I have included only such species and varieties as there is not the least doubt about. I must ask you to wait a little while yet for the exchange due you as we are very busy.

Yours Sincerely
Jas. M. Macoun

Ottawa March 31st. 1881

J. A. Morton
Wingham. Ont.

Dear Sir.

Your letter of the 27th was received yesterday. and as I have no copy [illegible] included the names on your list that are not generally accepted by American botanists. [illegible] my check-list I had at hand all the [illegible] possible and [illegible] and made all the [illegible] I thought necessary [illegible] at the [illegible] the names used in my former Catalogue, I [illegible] published there have been at least [illegible] changes made — not however affecting the [illegible] in my list so far as [illegible] have been recorded — . The New Manual is not yet published, nor would I have used it here for they [illegible] only [illegible] [illegible] [illegible] with this one [illegible] Part VI will contain nothing but a [illegible] of Mosses [illegible] [illegible] there be many [illegible] [illegible] the former parts for a long time [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] I receive a portrait [illegible] addition to our flora in which I have only [illegible] [illegible] and [illegible] on these [illegible] [illegible] about. I must ask you to [illegible] a little while [illegible] for the [illegible] [illegible] very busy.

Yours truly
Jas. M. Macoun

March 31st 1

My dear Madam

In two days more I will have my catalogue so far complete that I will have written up all the species and put in the localities. After that I will be ready for all your questions and can send some specimens promptly. I am extremely glad you are at work on the Gymnostomums and Dicranella and hope you will keep on as you are doing & seem to be doing – working independently. Remember I am up in years and although I have much faith in Kindberg I advise you to depend largely on yourself. If a specialist says anything I give Paul's advice "Examine all things and prove all things" then you will have faith in yourself and know exactly what you have seen in your examinations. By all means clear up everything & indicate what you consider mistakes in either or all of the present workers. You cannot be too careful as you have at least one friend who is moving from west to east who will be pleased to trip you up.

March 21st

Dear Madam

In two days more I will have my catalogue [illegible] complete—that I will have written up all the species and just in the localities. After that I will be ready for all your questions and can send them specimens promptly. I am extremely glad you are at work on the [illegible] and [illegible] and hope you will keep on as you are doing a great[?] to be doing—working independently. Remember I am up in years and although I find much fault in thinking I advise you to depend largely on yourself. By a specialist [illegible] anything I give [illegible] advice "Examine all things and prove all things" then you will have faith in yourself and know exactly what you learn in your examinations. By all means clear up everything as evidence what you consider variations in either or all of the different varieties. You cannot be too careful as you have at least one friend who is moving from [illegible] who will be pleased to help you up.

2

I am glad you had all the reproductions. The specimen from the bank of the Moira, Hastings Co. Ont., was always a puzzle. I named it C. fuscescens over 20 years ago. It is very likely nothing but C. Muhlenbergii. The specimen named C. stramineum should have been stramineum. I put the name always on the back of the card. My error in writing the label put on the wrong word. I have nearly all the specimens labelled C. polygamum written in C. stramineum. I have changed the Newfoundland specimen to Rhabdoweisia denticulata as I believe you are quite right in the change of name.

In the earlier sets of my distributions I followed Braithwaite's determinations in the Gaspe and Anticosti collections and hence the mistakes. As soon as I collected C. squarrosa I saw the mistake. I have Fowler's specimen. It is from Bass River. N.B. You have the earliest Centuries sent out. I kept no account of dates.

I send a few specimens you might like to see. I make Drummond's No. 101 Cinclidium crispa. Keep a part (a good part) of any specimen and clip off a part of Drummond's, but take the half of

2

I am glad you had a go at the [illegible]. The specimen from the bank of the [illegible] [illegible] was always a puzzle. I named it S. [illegible] as far as 20 years ago. It is very likely nothing but S. [illegible]. The specimen named S. [illegible] should have been [illegible]. I put the name always on the label of the lot. They are in nothing the [illegible] [illegible] on the [illegible] [illegible]. I have nearly all the specimens labelled [illegible] written in S. [illegible]. I have changed the [illegible] specimens of [illegible] [illegible] as I think you are quite right in the change of name.

In the earlier part of my [illegible] I followed [illegible] [illegible] in the [illegible] and [illegible] collection and have the [illegible]. As soon as I collected [illegible] I saw the [illegible]. I have Fowler's specimen. It is from [illegible]. N.B. You have the earliest [illegible] and not. I kept no account of date.

I send a few specimens you might like to see. I make [illegible] [illegible] [illegible] [illegible] (a good find) of any specimens [illegible] [illegible] a [illegible] of [illegible] [illegible]

3

C. parvula.

Lindberg and you agree in some things and differ in others. I think you are right about 495. I make it C. Schultzii but Lindberg thought otherwise. What do you make of the specimens in the envelope. Austin named it Cinnarella Canadensis and Lindberg says it C. Schultzii. It is not C. Canadensis (Mitt.) Aust. as you send it. I have not sent any of C. crispus Commend to Lindberg and will not do so.

Ask and you will receive as far as my specimens will go.

Very truly yours
John Macoun

Mr. G. E. Britton.
6 Hamilton Lodge
New York.

C. Jamaicae.

Kindberg and you agree in some things and differ in others. I think you are right about 195. I made it C. Schraderi but Kindberg thought otherwise. What do you make of the specimens in the envelope. Austin named it [illegible] and Kindberg says it C. Schraderi. It is not C. Barnesii (?) (Britt.) Card. as you know it. I have not sent any of [illegible] to Kindberg and will not do so.

Ask and you will receive as far as my specimens will go.

Very truly yours
John Macoun

Mrs. E. G. Britton.
Columbia College
New York.

Ottawa Mch. 31/81. 1

Mr. Maturin L. Delafield Jr.
New York (City)

Dear Sir

Your letter of the 21st. inst. was duly received and I at once instructed our Librarian to send you the two parts of my catalogue that have been recently published. I trust they reached you all right.

Yours truly
John Macoun

No 1082

Ottawa April 18. 1

Mr. Geo. Lebbiman [?]
Allentown, Pa.
Dear Sir

By to-day mail I send you ninety sheets of specimens in exchange for the Desiderata I marked on your [list] sent me so weeks ago. I shall be glad receive the specimens you have for me whenever it convenient as I have several exchange lists from other collectors and cannot mark them now for fear of duplicating specimens

Yours truly
Jas. M. Macoun
Curator of Museum.

of all new species for example our willows go to Bebb, our Ephedras, Thalictrums, Campanulas etc to [illegible], our Roses to Crepin, our [illegible] to Bennett, Berry and Morong; our Carices to Bailey; our grasses to Vasey; our western plants to Greene, or western plants to [illegible] and so on. It is [illegible] years before any book will be published that will combine the work of the various specialists and until [illegible] time [illegible] [illegible] cannot be able [illegible] [illegible] the Manual. Individual collectors want to [illegible] of course to keep up with the latest work [illegible] possible [illegible] but we cannot be expected [illegible] and if the very latest nomenclature is used by some as fast as changes are made, it will not be understood by others. I have gone over the specimens you sent some time ago and [illegible] then have been mounted. There are a few specimens that very possibly [illegible] incorrectly named.

Ranunculus aquatilis var. trichophyllus is Rare. [illegible] [illegible], var. trichophyllus has the leaves [illegible] this in your specimen are [illegible] about half as [illegible] very much more long [illegible] You no doubt have [illegible] as in var. trichophyllus. [illegible] Manual.! [illegible] forms in your neighborhood.

2. Your Polygonum amphibium L. is not that species [illegible] [illegible] intermediate [illegible] it P. Muhlenbergii, Wat. but [illegible] P. emersum Britt. (not in Manual) [illegible] the glandular hairs on the stem below the spike [illegible] you will see by Part II that your specimens are only near P. emersum. This group varies according to the [illegible] of the water in the places in which the species grows and it would be worth while collecting a series of specimens.

3. Your R. repens is R. septentrionalis (?) fruiting

specimens are [illegible] of R. [illegible], R. [illegible] and R. [illegible].
Your [illegible] [illegible] is not that species it is [illegible] but the specimen is too young.

We believe that there are two forms of [illegible] [illegible], your specimens being like those we collected at [illegible] but different from those found about here. Will you kindly collect fruiting and flowering specimens for me this spring. Many thanks for your list of corrections in Part V

Yours [illegible]
Jas. M. Macoun

No 1008

Ottawa April 2nd 1891

Mr. J. A. Morton
Druggist
Wingham. Ont.

Dear Sir

Your letter of March 30th. has been received. I would answer your questions as below.

I. Rosa Engelmanni takes the place of R. pauciflora.!

2. The [illegible] specimen referred to under No. 188 is not in our herbarium so there is no way of telling what it is, although it is probably A. [illegible]. The B.C. specimens were probably A. [illegible] [illegible] but these are not in our herbarium either. I refer to the [illegible] specimens.

3 By referring to Part III you will see that 970 and 978 are now united.

4. 1131 is [illegible] as we follow Bentham & Hooker. They make it only a sub-genus but Gray holds to [illegible]!

5. The nomenclature of [illegible] as it appears in the last edition of the Manual is identical with our own so far as it goes but we have numerous species not included in the Manual. We do not use the Manual at all in our work except when we refer them to [illegible] etc. as it [illegible] when writing to those who have not separate works on the various orders, genera, etc; our specimens are all examined by specialists and where monographs have not been published we have MS. descriptions

[illegible] Aug 2nd 1881

[illegible]
[illegible]
[illegible]

Dear Sir

[illegible]

No. 1004

Ottawa April 2nd 1

Mr. Wm. Carruthers, F.R.S. &c.
British Museum
London.

Dear Sir

By to-day's post I have mailed to your address a packet of [illegible] containing specimens of species that have not been sent you before. I put in but only [illegible] specimens but in time [illegible] the [illegible] of our specimens [illegible] have given no specimens of [illegible] species of which we have difficulty.

Yours truly
Jas. M. Macoun
Curator of Herbarium

No 1005

March 21st

Dear Dr. Hindley

I have received your letters with descriptions
of Mosses up to that of March 10th but in all
your letters you make no mention of any of the speci-
mens sent between No 748 and 988, except in your
descriptions of March 15th you mention that No. 838 is
a new variety and a few others note as some species.
Should you have examined any of these please
let me know what you make of them so that I can
incorporate all the various localities while the paper
is going through the press.
I have now all the species catalogued and
will now send you the doubtful things. I will
always send you the second proof and will have no-
thing printed until we get it back from you.
Make any changes you choose except localities.
With this letter I send 25 packets and will
do so until I have sent everything of doubt or
interest I may have. During this summer my
head quarters will be at Ottawa and anything

March 21st

Dear Dr. Hinckley

I have received your letter with descriptions of [illegible] and that of March 13th but in all your letters you make no mention of any of the specimens sent between Nos 768 and 888, except in your description of March 15th you mention that No. 888 is a new variety and 2 of your others are new species. Should you have discovered any of these plants let me know what you make of them so that I can incorporate all the various localities while the paper is going through the press.

I have now all the species catalogued and will never send you the doubtful things. I will always send you the second part and will have nothing forged until we get it back from you. Make any changes you choose except localities.

With this letter I send 25 packets and will do so until I have sent everything of doubt to my interest. I may leave. Leaving this summer my head quarters will be at Ottawa and anything

2.

I may collect that is doubtful or new to me even if it is of little interest I will send to you. I purpose collecting largely next summer but will pay more attention to Hepaticae, Lichens & Fungi. Still I hope to get many species that will be additions to our eastern flora and these you will receive as fast as collected.

Hoping all things are well with you I remain faithfully yours.

John Macoun.

Dr. N. C. Kindberg

Linköping

~~[illegible]~~

Sweden

Ottawa April 3d 1

Mr. Chas. E. Bendire
Curator Oological Dept.
U.S. National Museum.
Washington D.C.

Dear Sir

Upon the receipt
of your letter of March 2nd, I at once began
to make out a list of localities for you, and until
to-day thought that it had been completed and
sent to you, when in arranging some papers I
found your letter and one sheet of my reply.
The information I have given you is of little
value as the specimens we have from the north
are mostly of smaller birds, and when travelling in
the north myself the difficulty in procuring and carrying
large birds has been so great that not many have been
collected. Of the smaller birds I may be able
to give you notes of more value.

Yours truly
Jas. M. Macoun

Ottawa April 2d 1

Dear Mr. Fletcher

I have put up a parcel for you which contains all of your desiderata in Compositae that we have among our duplicates. It is addressed to you so that whenever your man calls he can get it whether we are here or not.

Yours truly

J. M. Macoun

Ottawa April 23,

Dear Mr. Fletcher

I have just had a parcel [illegible]

[illegible]

Yours sincerely

J. M. Macoun

Ma/008

April 6th 1

My dear Madam

Your letter of April 2nd gave me a surprise and I am puzzled how Kindberg could have overlooked the fact that Orthotrichella is out of that genus. I see no reason that should prevent your description from being inserted in my catalogue in its proper place. I think however it is my duty to call Kindberg's attention to it but I will not allow him to expound your descriptions by any change of his own. What do you say?.

I have compared Orthotrichum Canadense (Aust.) & Orthotrichella Schubertii Kindb. and now believe with you it is O. Sullivantianum. Any one can see it is stunnumer. Keep right on and call for all you want. Both 31 & 32 have been corrected by Kindberg. I send today all my O. Blyttii and O. Hartmani that I have marked but I will get out some that are still doubtful and send them still later today or tomorrow. Should you desire any other species of Orthotrichum ask for them.

I have just re-read your letter. I will do whatever you say about O. pumila. My opinion is you will find other changes which might make a good

My dear Mortensen

April 6th

Your letter of April 2nd gave me a surprise and I am puzzled how Hindley could have overlooked the fact that [illegible] is out of that genus. I see no reason that should prevent your description from being inserted in my catalogue in its proper place. I think however it is my duty to call Hindley's attention to it but I will not allow him to influence your description by any change of his own. What do you say?

I have compared [illegible] [illegible] ([illegible]) & [illegible] [illegible] and now believe with you it is C. [illegible]. Any one can see it is [illegible]. [illegible] right on and cut up all you want. Both 31 & 32 have been corrected by Hindley. I send today all my C. [illegible] and C. [illegible] that I have mounted but I have got not one that we still doubtfully and send them also [illegible] [illegible]. Should you have any other pieces of [illegible] ask for them.

I have just re-read your letter. I said it about what you say about C. [illegible]. My opinion is you will find other changes which might make a good

2

article for the Bulletin.

I have had another batch of Descriptions from Kindberg.

Should you desire all my Riccias let me know and I will send them down by express.

The other mosses have reached me. I have a microscope now and am going to use it a little so I will be able to name or examine many things I paid little attention to before.

I will send you down a few fungus before the week is out.

Mrs. E. G. Britton
Columbia College
New York.

Very truly yours
John Macoun

P. S. What power should I use on the microscope

article for the Bulletin.

I have had another letter of [illegible] from Hamburg.

Should you desire all my [illegible] let me know and I will send them down by express. The other [illegible] have reached me. I have a microscope now and am going to use it a little so I will be able to examine many things I paid little attention to before.

I will send you down a few pages before the week is out.

Very truly yours
John Wiseman

Prof. C. F. Chandler
Columbia College
New York

P.S. What [illegible] should I use in the [illegible]

No 1010.

Ottawa April 7th 1

Prof. W. J. Beal
Agricultural College. Mich.
Dear Sir

I have been slowly working through our Duplicates and have at last reached the end of the Compositae and am to-day sending you a packet containing such of your Desiderata as there are among them. Many of the specimens are poor but I thought that you might be glad of them until you have better specimens of the species they represent. Should you notice any of them that you think incorrectly named I would be glad to have your opinion of them

Yours sincerely
Jas. M. Macoun
Curator of Herbarium

Urbana April 21st 1[illegible]

Prof. W. J. Beal
Agricultural College, Mich.
Dear Sir:

I have been [illegible]

[illegible]

Yours truly
[illegible]
[illegible]

No 1009

Ottawa April 7th /

Dear Dr. Engell

We have had so much to do this winter that I have been getting along very slowly with the distribution of our duplicates. I have however at last reached the end of the Compositae and am sending you much of yours by this mail [illegible] the Polypetalae and [illegible] as there were many [illegible] Compositae. I hope that among them you will find some things of interest to you. My father sends kind regards.

Yours sincerely
Jas. M. Macoun

No 1708

Boston April 28 1

Dear Dr. [illegible]

We have had so much to do this week I have been getting along very slowly with the distribution of our publications. I have however [illegible] *Campaign Book* [illegible]

[illegible]

Yours sincerely

Geo. W. [illegible]

No 1012

April 7th ,

Dear Mr. Morong

Your note of the 4th inst. and the box of specimens came in due course. The latter I have not opened yet but I believe the specimens are in good order.

My son is sending a box of plants to Dr. Britton and the ones you ask for will go with them if we have any to spare.

I am glad to have your opinion about our specimens of these orders and genera you are so much interested in, and will be glad at any time to help you all I can.

The coming summer I intend to collect solely in Ontario and western Quebec and expect to get many fine species of water plants as our Laurentian region is much like Vermont being full of lakes and ponds producing many species of Potamogeton. I will do better this year than ever before and in 1868 I astonished Dr. Robbins with what I gathered in July of that year. For 12 years I have been wait

No 1012

April 7th

Dear Mr. Murray

Your note of the 4th inst and the box of specimens came in due time. The latter I have not opened yet but I believe the specimens are in good order.

My son is making a list of plants of [illegible] Co. [illegible] and the [illegible] asked for [illegible] ~~[illegible]~~ if we have any to spare.

I am glad to have your opinion about new specimens of [illegible] and [illegible] you are so much interested in, and will be glad at any time to help you all I can.

The coming summer I intend to collect solely in Ontario and northern Lake [illegible] and expect to get many fine species of [illegible] plants [illegible] region is much like [illegible] being [illegible] of Lake and forests [illegible] many species of [illegible]. I will [illegible] that year [illegible] and in 188[illegible] I [illegible] Co. [illegible] of July of that year. For 12 years I have [illegible]

2

a east of this province and many things are
yet to be gathered.

One of my friends obtained Potamogeton
Crispus in the eastern part of Toronto Bay last
summer and says it is abundant there.

Very truly yours
John Macoun

Rev. Thomas Morong
Columbia College
Herbarium
New York

a cost of the journies and many things are
yet to be gathered.
One of my friends [illegible]
[illegible] in the eastern part of French Bay last
summer and says it is abundant there.

Very truly yours
[illegible]

Dr Thomas [illegible]
Dalhousie College
[illegible]
[illegible]

No1011

April 7th 1

Dear Dr. Watson

Your card of the 2nd inst. has been here for a day or two. You ask what the "Nasturtium amphibium" of my catalogue is well I answer it is certainly not N. amphibium of Europe and hence is not what I named it. My N. amphibium is the tall perennial plant growing in ditches and with dissected leaves below the surface of the water.

My idea of the real N. palustre is the one with annual root a reclined and branching stem and lengthened pods. It corresponds with N. palustre of Europe. I cannot believe that all the specimens in our herbarium or all I sent you can be referred to N. palustre. We have at least three distinct forms and perhaps four. I do hope you may separate them as I am quite sure they ought to be separated.

Very truly yours
John Macoun

Dr. S. Watson
Harvard Herbarium
Cambridge Mass.

P.S. Would you kindly look at the four doubtful plants in the last two parcels, at your convenience, as we are finishing up our monthly work. J.M.

Val 011

April 7th 1

Dear Dr. Watson

Your card of the 2nd inst. has been here for a day or two. You ask what the "[illegible] amphibium" of my catalogue is. Well I answer it is nothing but the P. amphibium of [illegible] and hence is not what I meant the P. amphibium is the [illegible] plant having its [illegible] and with [illegible] like the [illegible] of the water.

My idea of the real P. [illegible] is the one with [illegible] and [illegible] and [illegible] forms. It corresponds with P. [illegible] of [illegible]. I cannot think that all the specimens in our herbarium [illegible] as I want you can be referred to P. [illegible]. We have at least three distinct forms and probably four. I do hope you may separate them as I am quite sure they ought to be separated.

Yours truly
John Macoun

Dr. S. Watson
Gray Herbarium
Cambridge, Mass.

No 1012

April 8th 1

My dear Sir

I have numerous notes and many specimens from you and I now commence to put them into shape. The Black Spruce and White Spruce are certainly ..... but the Red Spruce is as far as I can see also White Spruce. My opinion of the Red Spruce, founded as it has been in Prince Edward Island, is that it is closely related to the Black Spruce. Yours on the contrary is either the White Spruce or so close that I cannot separate them.

I have all the sphagna named and now return you the papers and some of the specimens so that you may see exactly what you have. I also send back a lot of barren Brachytheciums which I can make nothing of as it is all barren and without fruit we can make nothing of them. Should I make any changes in the names of those I name I will let you know later on.

I now return some mosses and a lot of the papers. Change Dicranella Schreberi to Rhabdoweisia denticulata.

Vol 1012

April 9th

My dear Sir

I have numerous notes and many specimens from you and I must commence to get them into shape. The Black Spruce and White Spruce are nothing new but the Red Spruce is as far as I can see the White Spruce. My specimens of the Red Spruce forwarded as this were in Prince Edward Island, is such that it is clearly as like as the Black Spruce. Spruce on the [illegible] is either the White Spruce or so close that I cannot separate them.

I have all the Sphagnum named and now return you the papers and some of the specimens so that you may see exactly what you have. I also send back a lot of [illegible] which I can make nothing of as it is all [illegible] and without fruit we can make nothing of them. Should I make any change in the names of these I will let you know later on.

I now return some names and a lot of the papers. Change [illegible] [illegible] to [illegible] [illegible].

2

List of Mosses

Brachythecium rutabulum (IX 16) 102, (VI. 76) (VI. 66) (VI. 81)

" salebrosum (X. 1) (X. 2) (VI. 63) [illegible]

" campestre (VIII, 69) (VIII, 10) 10[illegible] 210, (X 11)

" plumosum (V 46) 104, (IX, 1) (66. [illegible]) 242, [illegible]

" rivulare (78. VI)

" laetum (VI, 41) (VI. 48) (66, VI) (63, VI) (VI. 81)

Cynclidium stygium 142 Bound [illegible] [illegible]

[illegible]thecium myosuroides (X. 3) (VIII 6 0 9)

This winds me up for today tomorrow I will give you another lot. I have been working all day on your things.

Very truly yours
John Macoun

[illegible] A. Waghorne
New Harbor
Newfoundland

2

List of Mosses

[illegible]thecium rutabulum (ix 19) 102, (vii. 29)(vii. 23)(vii. 21)

〃 salebrosum (x. 9) (x. 5)(vii. 63) [illegible]

〃 campestre (viii 29)(viii. 19) [illegible] (x 29)

〃 plumosum (v 19) 104 (ix. 17)(viii. 14) [illegible]

〃 rivulare (72. 14)

〃 [illegible] (91. 41)(viii. 43)(66. 14)(62. 40)(vii. 37)

[illegible] [illegible] 112 [illegible]

[illegible] [illegible] (x. 3)(viii 6 0 3)

This ends one of the lists. Tomorrow I will give you another list. I have been working every day on your things.

Very truly yours
John Macoun

Rev. A. Waghorne
[illegible]
Newfoundland

2

accept this and in my catalogue named it P. pusillus with a query. You name yours P. pusillus and evidently following Dr. Gray changed your mind. The [illegible] [illegible] P. mucronatus after the my specimens which came by [illegible] in Prof. Gray's Herbarium [illegible] P. pusillus when I named my specimens and if to me I have now found P. Vaseyi is correctly named there is no connection between them.

I have no doubt but that your plant is mine and that Mr. Morong is quite correct in naming it after you as you are the first to attempt to separate it from P. pusillus & mucronatus. You might call Mr. Morong's attention to this matter as about the time I collected the specimens I exchanged with him.

Very truly yours
John Macoun

Mr. E. J. Hill
7100 Dickey St.
Englewood
Ill.

P. S. I am now trying to get P. pusillus set right. We have at least three plants under one name in that species
J. M.

2

[illegible]

I have no doubt but that your plant is running and that Mr. [illegible] is [illegible] [illegible]

[illegible]

Very truly yours
[illegible]

Mr. [illegible]
[illegible]
[illegible]

P. S. [illegible]

No 1013

April 7th 1

My dear Sir:

Your letter reached me today and I now reply to you my ideas regarding the species. In Part II. 369 of my catalogue, I give a hurried description of my plant which was gathered on the Fishing Islands Aug. 5th 1874. I omitted the locality but it appears in Part III. I referred my plant to Dr. Gray and told him I could not make it agree with L. ~~pumilum~~ Columbianum, which he said it was, and so I put the query in Part II which was published before the Synoptical Flora Part II. See L. umbellatum in Syn. Fl.

My specimen is about a foot high and is the ~~tallest~~ one I gathered, one flowered and with a small spindle shaped root about two inches long which shows that it was broken off. Petals and inside usual ones as Canadensis, except they are entire of the [illegible] smoother than the sides, but it is [illegible] slightly darker.

I wish to point out a curious state of development in our ideas. When I sent my plant to Dr. Gray he said it was a form of L. umbellatum. I could not

Dear Sir

Your letter received on Friday and I may say that

in my ideas regarding the [illegible]. In Part II of the

my catalogue I give a [illegible] description of my plant

which was published on the [illegible] Friday, [illegible] Sept 5th 1874.

[illegible] the locality but it appears in Part III

[illegible] my plant to Dr. Gray and [illegible]

[illegible] with the [illegible] and on [illegible]

[illegible] in Part II which was published before the

[illegible] Part III i.e. [illegible]

The specimen is about a foot high and is

[illegible] on [illegible] and with a

small [illegible] about two inches long

[illegible] than that of one [illegible]

and [illegible] of the

[illegible] in [illegible] than the [illegible] but [illegible]

slightly doubtful.

I wish to point out a serious [illegible] of [illegible]

[illegible] in our ideas. When I sent my plant to Dr. Gray

[illegible] I could not

No 1014

April 8th

My dear Mr. Low,

Your note and the parcel came safely today and I was glad to learn that you were well and that both Mrs. Low and the baby were in excellent health.

Since you saw me my health has become re-established and I am in first rate health. I am not going out this year but hope to do so next year when I may go up to Queen Charlotte's Islands. My son-in-law A. A. Wheeler C.E. has gone to New Westminster to live but my daughter is not going out until next spring. You may see him.

Mrs. Macoun and what remains of the family are well. My second daughter was married a year ago to a Boston gentleman and lives in that city. Wishing you and Mrs. Low and the baby excellent health. I am truly yours

John Macoun

[illegible]

Ottawa April 28 [illegible]

Mr. J. A. Morton
Wingham, Ont.
Dear Sir

I have been waiting at [illegible] the completed [illegible] to-day send you [illegible] of your [illegible] specimens [illegible] will follow next week. [illegible]

[illegible]

Yours truly
Jas. M. Macoun

Ottawa April [illegible]

Mr. Walter Deane
29 Brewster Place
Cambridge Mass.

Dear Sir.

Your letter and [illegible] some time ago.
[illegible] of Desiderata were received [illegible] marked on another
the list [illegible] today, [illegible] them among our duplicates
[illegible] [illegible] so [illegible] you.
[illegible] be [illegible] this [illegible] in [illegible]
have [illegible] thousand duplicates [illegible]
[illegible] arranging [illegible]
[illegible] is [illegible] the collections of
[illegible] the [illegible] each year by [illegible]
many years having been [illegible] shall be getting out a
[illegible] this is done I shall [illegible] and will send
[illegible] of those [illegible]
[illegible] yours at the same time

Yours truly
Jas. M. Macoun
Curator of Herbarium

April 9th 1

Dear Dr. Kindberg

Since I wrote last I had another letter from you with additional descriptions including Scouleria Muelleri. Please accept my thanks for your continued work on the Canadian mosses which are now in good shape. The printing is going very slow but it will be done and all will be submitted to you before paging.

After I wrote I found the bundle of mosses I thought you had nearly two months before. I now send specimens between 914 – 942 [illegible] are some of my old specimens and [illegible] are some you have not [illegible] and others are from Newfoundland. The latter I have examined in a certain manner and now submit the results to you. After this all my collections will be more or less examined before you see them and no common things will be sent.

Spring is slow in coming but we have bright sun shine all the time but cold nights.

Very truly yours
John Macoun

Dr. N.C. Kindberg
Linkoping
Sweden

April 9th

Dear Dr. Kindberg

Since I wrote last I had another letter from you with additional descriptions including Leucodon Macounii. Please accept my thanks for your continued work on the Canadian Musci which are now in good shape. The printing is going very slow but it will be done and all will be submitted to you before printing. After I wrote I found the bundle of Musci I thought you had nearly two months ago. I now send packets between 911 – 982 part are some of my old specimens and part are some you have not separated me and others are from Newfoundland. The latter I have examined in a certain manner and now submit the results to you. After this all my collections will be named or less examined before you see them and no erroneous things will be sent.

Spring is slow in coming but we have bright sunshine all the time but cold nights.

Yours truly
John Macoun

Dr. N. C. Kindberg
Linköping
Sweden

April 9th 1

Dear Mr. White

We have asked to have the present part spaced as the others were but your foreman does not "catch on". I now send down two galleys and a part of one of last year's. I want the <u>spacing</u> and <u>arrangement</u> just as it is in the part of a galley I send.

Would you kindly hurry the printing as far as the second proof as this must go to Europe before it is paged.

You saw Mr. Selwyn today and he doubtless told you about the spacing. I wish you to look at the <u>corrected</u> galley. It is at least spaced 1/3 too close.

After three galleys there will be no additions worth speaking of so I hope the compositor will be careful as I will keep my part up to the standard.

Please have two copies of each galley sent each time and "hurry up" or I will take to the woods and let the whole stand till October

Very truly yours
John Macoun

Richard White Esq.
Gazette Office Montreal

April 9th

Dear Mr. White

We have waited to have the present proof spaced as the three were but your printers have not "caught on." I now send herewith two galleys and a proof of one of last year's. I want the spacing and arrangement just as it is in the proof of a galley I send.

Would you kindly hurry the printing as far as the second proof as I must go to Europe before it is [illegible].

Your paper Mr. Schreyer today and the [illegible] told you about the spacing. I wish you to look at the corrected galley. It is at last spaced as I [illegible].

After these galleys there will be no additions worth speaking of as I hope the compositors will be careful as I will keep my proof out to the standard.

Please have two copies of each galley sent each time and "[illegible]" as I will take to the [illegible] and [illegible] till October

Very truly yours
John Macoun

J. White Esq. Geographer

April 11th 1

My dear Sir.

Your note to my son came yesterday and I have told him I would write you.

I thought you might not be aware that for over six years I have been doing a great deal of Ornithological work and compiling a catalogue of Canadian birds. It is true that many in the States think we are doing nothing here regarding the birds of the country. I care little for what has been written by some of our people regarding our supineness in this matter as we had the information and would have given it only it did not suit the writers to state it.

Besides taking notes on the Birds of Prince Edward Island in 1888, and a complete knowledge of the Ontario birds, I spent the summer of 1879 1880 on the Great Plains, in 1881 I collected in the Winnipegosis again, in 1885 in the Rocky Mountains, in 1887 on Vancouver Island, in 1889 on the mainland of British Columbia where

April 11th

My dear Sir.

Your note of my son came yesterday and I have told him I would write you.

I thought you might not be aware that for over six years I have been doing a great deal of Ornithological work and compiling a catalogue of Canadian birds. It is true that many in the States think we are doing nothing here regarding the birds of the country. I care little for what has been written by some of your people regarding our ignorance in this matter as we had the information and would have given it if any of them did not wait the writer to state it.

Besides taking notes on the birds of Prince Edward Island in 1888, and a complete knowledge of the Ontario birds, I spent the summers of 1879 1880 on the Great Plains, in 1881 I collected in the Winnipeg region again, in 1885 in the Rocky Mountains, in 1887 on Vancouver Island, in 1889 on the mainland of British Columbia where

I met Mr. Streator and secured more species than he did. Last year I had a man stationed at Revelstoke in the Columbia Valley and we secured all the birds between the Gold Range and the Rocky Mountains. As a result of all this I have a personal knowledge of more than nine tenths of our birds and almost the whole series of land birds.

You mention in your note that you are through with Vol. I and about to commence another volume. Please in the distribution of the work keep me in mind as I am constantly sending specimens of one thing or another to the Museum at Washington.

We have skins of nearly all the small birds crossing the 49th parallel and at any time I would be glad to send down either mounted or unmounted skins of any of those you might desire. Dr. Merriam credits me with having got a new form of Parus in British Columbia

I met Mr. Chester and secured more specimens than last visit. Last year I had a more extended stay at [illegible] in the [illegible] Valley and secured all the birds between the Gold Range and the Rocky Mountains. As a result of all this I have a personal knowledge of more than nine tenths of our birds and almost the whole series of land birds.

You mention in your note that you are through with [illegible] and about to become another [illegible]. Please in the distribution of the whole list keep me in mind as I am constantly sending specimens of one thing or another to the Museum at Washington.

We have skins of many of the small birds crossing the 49th parallel and at any time I would be glad to send down either mounted or unmounted skins of any of them you might desire. Our Museum contains one with [illegible] of a new form of Grouse in British Columbia

3

in 1890.

Last year at Revelstoke we obtained true Colaptes auratus and C. mexicanus and a whole series of intermediate forms.

Very truly yours
John Macoun

Charles E. Bendire Esq.
Oölogical Dept.
Washington
D.C.

Jan. 22nd 1889

Dr. Dawson sent this manuscript to Dr. Merriam

779 Red Backed Mouse
780 New vole
781 Arvicola from Province McConnell.

in 1890.

Last year at [illegible] we obtained two [illegible] and [illegible] and a white [illegible] intermediate forms.

Very truly yours
[illegible]

Charles E. Bendire Esq.
Oology Dept.
Washington
D.C.

Jan. 2nd 188[illegible]

[illegible]

159 [illegible]

140 [illegible]

141 [illegible]

Ottawa April 18th !

Dear Mr Fletcher

My father wishes me to ask you to send him as soon as you conveniently can two copies of your Flora Ottawaensis as we shall each want one to use this spring. Send bill with them as they are for the use of the Book Society. I have 2 Erythroniums in flower so we put some of them with the blossoms and all in this with this. !

Yours truly

Jas. M. Macoun

April 11th 1

My dear Sir

As I have not heard from you for some time I drop a line to say that you have not yet received all of my 1890 collections and I await the results of those already sent before [illegible] you with others.

You may remember that a number of those sent in 1889 and the spring of 1890 were [illegible] [illegible]. If convenient I would like these names if you have decided on the species. I send the numbers below.

5, 15, 38, 43, 52, 67, 76, 98, 101a, 101b 203, 208, and of those sent last spring from Revelstoke 283, 251, 259.

I have now catalogued the mosses and as there will be about 900 species I have decided not to do anything with the Hepaticae this year so that you can publish anything you wish without reference to me. I hope to collect many fine species the coming summer in Ontario

Very truly yours
John Macoun

Pr. L. Underwood
4 Sacramento Place. Cambridge. Mass.

April 11 '91

My dear Sir

As I have not heard from you for some time I drop a line to say that you have not yet received all of my 1890 collections and I await the records of those already sent before [illegible] you with others.

You may remember that a number I then sent in 1889 and the spring of 1890 [illegible] conveniently I would like these numbers of yours have decided on the species. I send the numbers below.

5, 15, 38, 42, 52 67 71 79, 101, 101, 103, 108 and of those sent last spring from Cambridge 206, 251, 252

I have never catalogued the numbers and as there will be about 200 species I have decided not to do anything with the Hepaticae this year so that you can [illegible] your work without reference to mine. I hope to collect many fine species this coming summer in [illegible]

Very truly yours

[illegible]

[illegible] Place, Cambridge, Mass.

Ottawa April 14th 1

Dr. Geo. Vasey
Botanist to Dept. of Agriculture
Washington DC.

Dear Sir.

Yesterday I sent to you two parcels containing specimens of all the grasses collected by Prof. Macoun and myself in British Columbia last season. A complete series has been sent you whether the species is rare or common. Prof. Macoun has examined the specimens and to some extent named them but all have been numbered. When you have had time to examine them and can give us your report and notes it will only be necessary to report on those that you find incorrectly named or not named at all. Shortly after the receipt of your letter early in the winter I went over our collection of last year and made the changes in nomenclature which you then suggested. Prof. Macoun will write you in a few days. You

will I think find this the best collection you have yet received from me. I might say that Kicking Horse Lake, Rogers Pass, and Revelstoke are along the line of the C. P. Ry. The other localities mentioned on labels are at distances ranging from 100 to 200 miles from the railway.

Yours truly
Jas. M. Macoun
Curator of Herbarium.

No. 1028

Ottawa April 18[illegible]

Dr. N. L. Britton
Columbia College
New York

Dear Sir

I find time now and then to work a little at our duplicates and am now about half through the Gamopetalae. I send you to-day a packet containing specimens of all species of which we have duplicates and which have not already been sent you. You asked me some time ago to send you specimens of as many eastern species as possible and I include a few that have lately been received from Ontario collectors. The packet also contains some old duplicates of U.S. plants that are probably of no use to you but some one you know may care to have them on account of their age. I enclose a little list of doubtful species of which we would be glad of your opinion when you have had time to look over them.

Kindly return the list with any corrections you may suggest. If the [illegible] specimen is all right is it not odd that it should not have been found before in this country! Did you know that [illegible] has been found in abundance near Toronto last season? I find that we have no duplicate specimens of the [illegible] [illegible] &c.? So many [illegible] for. [illegible] you [illegible]

Yours truly

Jas. M. Macoun

No. 1029

Ottawa April [illegible] 1

Mr. Geo. White
[illegible] Ont.
Dear Sir

By this mail I send you a packet containing a part of the specimens I owe you. I also send a few foreign plants which as I told you before do not count. You did not tell me whether you cared for these and you before, please let me know so that I need not include them in future parcels, or that no foreign duplicates and I beg to send them only to those who care to have them. If you collect only Canadian plants you might give these already sent you to some one who collects foreign plants as well. I am now working at the [illegible] and another parcel will soon be sent you.

Yours truly Jas. M. Macoun

No. 1876

Ottawa April 17th 91

Mr. J. A. Morton
Wingham, Ont.

Dear Sir.

The specimen of *Tilia americana* you sent me some time ago I discovered to-day to be the var. *pubescens* Ait., not found (or at least not noticed) in Canada before so far as I know. The species has the leaves smooth as you know and all our specimens are, of course, so; the one you sent is very pubescent as to the leaves. Is this the common form with you? If so will you kindly collect us half a dozen specimens next season?

Yours truly
Jas. M. Macoun

April 17th ,

My dear M. Matar

Your note came today. There can be no mistake about your Cornus sericea. No matter what I named it the specimens we have from you are C. sericea. I can say nothing now how I made the mistake but certainly did make one. C. stolonifera and C. sericea can be very easily separated by the woolly hairs in the one case and the appressed hairs in the other. Remember that C. Baileyi and C. stolonifera are chiefly separated by their fruit and hence be sure and get fruit the coming season. You should find the former near the lake shore.

This summer I will make western Ontario my chief collecting ground and may see you in July or August. I see you have collected no Carices nor willows and would be glad if you would collect those as we have an immense series of them and can settle your difficulties easily.

April 17th

My dear Mr. Morton

Your note came today. There can be no mistake about your Cornus sericea. No matter what I named it the specimens we have from you are C. sericea. I can say nothing now how I made the mistake but certainly did make one. C. stolonifera and C. sericea can be very easily separated by the [illegible] woolly hairs in the one case and the appressed hairs in the other. Remember that C. Baileyi and C. stolonifera are chiefly separated by their fruit and hence be sure and get fruit the coming season. You [illegible] find the former near the lake shore.

This summer I will make western Ontario my chief collecting ground and may see you in July or August. I see you have collected no Carex and rushes and would be glad if you would collect these as we have an enormous series I think and can settle your difficulties easily.

2

I am glad you let no mistakes pass, as taking things for granted is not in my line and I believe is not in yours.

During the past winter I have been engaged on a catalogue of Canadian Mosses which is coming out as Part VI of my Catalogue of Canadian Plants. There are about 900 species and descriptions of nearly 200 new ones, chiefly collected by myself. You see that I have my hands full and so it is no wonder if I get a little mixed sometimes.

Very truly yours
John Macoun

P.S. We have Ranunculus hederaceus L. from Newfoundland. not included in Check-list. Introduced of course
J. M.

2

I am glad you let me mistake you, as taking things for granted is not in my line and I believe is not in yours.

During the past winter I have been engaged on a Catalogue of Canadian Mosses which is coming out as Part VI of my Catalogue of Canadian Plants. There are about 900 species and descriptions of nearly 200 new ones, chiefly collected by myself. You see that I have my hands full and that it is no wonder if I get a little mixed sometimes.

Very truly yours
John Macoun

Mrs. Rev. [illegible] [illegible] Newfoundland.

[illegible] in Canada. [illegible] Saskatchewan [illegible]

Ottawa April 17th 1

Mr. W. Salter
Gazette Office
Montreal.

With this 3 galleys are returned to you. The MSS will come to-morrow. The printer will have a rough time with these galleys but from those on there will be no additions to speak of. The first 20 species were intended to go at the end and the material was not all at hand for completeness there. Please have two copies of each galley sent in future. 20 additional pages to write this

Yours truly
John Macoun

Ottawa April 12th 1

Mr. W. S. [illegible]
[illegible]

Dear [illegible].

With these 3 galleys are [illegible]. These will come to-morrow. [illegible] it up all [illegible] with these [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] galley but [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] of the end [illegible] [illegible] [illegible]. Please have the [illegible] [illegible] [illegible] send in galleys. To [illegible] [illegible] galley [illegible] [illegible] [illegible] with this

Yours truly
John Warren

Ottawa Apl. 18[illegible]

Dr. S. Watson
Cambridge Mass.
Dear Sir.
I have just mailed to you a few flowers of what Prof. Macoun calls in his Catalogue [illegible] Part. IV – V. [illegible] Erythronium grandiflorum var. [illegible], [illegible] plant which [illegible] I have seen quite agree with [illegible] plant which [illegible] found in great abundance during the past two seasons [illegible] the Selkirk & Rocky mts. You will notice that the [illegible] quite white. I have a large [illegible] of the petals is nearly [illegible] quite white. [illegible] of the [illegible] flowers was in bloom the bulbs having been [illegible] 7000 ft. last Aug. in the Rockies. [illegible] at an alt. of [illegible] account for the two colors of the stamens. Do you [illegible] in E. americanum [illegible] and pollen). The same thing occurs [illegible] I have never seen it explained, as I suppose you know but I have [illegible] and Prof. Macoun [illegible] determinations [illegible] will write you in reply tomorrow.

Yours truly,
Jas. M. Macoun.

P.S. My next packet of plants will contain fl., fr., and roots of the Erythronium.

April 18th 1

My dear Madam

I have your long and very interesting letter but am not about to answer it now as I am very busy on other lines.

Your notes and discoveries are very valuable and important and are bearing fruit already. I see just where you are and can see that if you keep on and be as careful in the future as you have been in the past you will do wonders.

I see you are more careful and even more critical than Kindberg. I fully agree with nearly every thing you say and in the case of O. polycarpum from Belleville and Prince Edward Island, I see you are quite right in making them something else. Do you name them O. cirrhatum? They have as you say a very long rostrum.

Your notes on Dicranum Starkii and Blyttii are also in accord with my views but the specimen you ~~thought~~ might be D. fulvum I doubt very much and now send you a scrap of it marked (a) and one from Norway marked (b). The latter is O. hyperboreum

April 18th 1

My dear Madam

I have your long and very interesting letter but am not about to answer it now as I am very busy on other lines.

Your notes and discoveries are very valuable and important and are bearing fruit already. I see just where you are and can see that if you keep on and be as careful in the future as you have been in the past you will do wonders.

I see you are more careful and even more critical than Friendly. I fully agree with nearly every thing you say and in the case of Q. fully confirm your Belleville and Prince Edward Island, I see you are quite right in making them something else. Do you name them Q. [illegible]? They have as you say a very long evolution.

Your notes on [illegible] [illegible] and [illegible] are also in accord with my views but the specimen you thought might be Q. [illegible] I doubt very much and now send you a scrap of it marked (a) and one from [illegible] marked (b). The latter is Q. [illegible]

2

and I believe (a) is the same. Please examine and let me know your determinations.

During the coming summer I would be glad to collect and send to you specimens of Genera you have worked on or are working at or let me know what you desire me to do this summer to further your studies and I will try and help you. I see plainly your work is going to be a great success.

Very truly yours
John Macoun.

Mrs. E. G. Britton
Columbia College
New York.

2

and I believe (a) is the same. Please examine and let me know your determination.

Assuming the coming summer I would be glad to collect and send to you specimens of Mosses you have worked on or are working at so let me know what you desire me to do this summer to further your studies and I will try and help you. I see plainly your work is going to be a great success.

Very truly yours
Jared Mason

Mrs. E. G. Britton
Columbia College
New York

April 23d 1

Dear Mr. Ellis

All winter I have given myself to mosses and now when spring has come purpose to go over the ground again in the province of Ontario and collect all kinds of Fungi the coming season.

I will send you down if you permit me all the fungi I collect except the common things or will send the Agarics to some one else. As I can and will send them fresh I will be able to send ~~species~~ specimens that can be identified.

Please let me know what you can or are inclined to do as I am going to remain in this province all summer and will collect little short of 500 species as I will devote myself chiefly to them and Lichens.

Very truly yours
John Macoun

J. B. Ellis Esq.
Newfield
New Jersey
U. S.

April 21st

My dear Sir

I have not forgotten that a number of years ago you were very much interested in Lichens. Since then I have been collecting more or less every year but chiefly on the Pacific Coast and in the Rocky and other Mountains. I am now through with the mosses, having put them in shape the past winter and during the coming summer hope to collect many interesting species including Lichens.

My purpose in writing at this time is to ask you to examine and name for me if convenient the doubtful and uncommon forms I have detected or may detect the coming summer. The common and large forms I will not trouble you with except you desire to have them. Please let me know at your convenience what you can do for me.

Very truly yours
John Macoun

John W. Eckfeldt M.D.
S. E. Cor. 63rd
West Philadelphia
Philadelphia
Pa

April 21st

My dear Sir

I have not forgotten that a number of years ago you were very much interested in [illegible]. Since then I have been collecting more or less every year but chiefly on the Pacific Coast and in the Rocky and other mountains. I am now through with the [illegible] having just [illegible] the first results and during the coming summer I hope [illegible] the collection [illegible]

My [illegible] in writing at this time is to ask you to examine and name for me [illegible] and [illegible] I have [illegible] the coming summer. The specimens and [illegible] will not trouble you [illegible] there. Please let me know at your convenience what you can do for me.

Very truly yours
John Macoun [illegible]

[illegible] D.D.
[illegible]
West Philadelphia
Philadelphia

April 22nd

My dear Sir

We received the galleys of proof today and have forwarded it to Europe. It will take about three weeks to have it returned. You may not be aware that it has all to go to Europe before being paged as Dr. Kindberg and others are describing the new species.

You might tell the printer who has made the corrections that they are remarkably well done and the proof is now almost clean. It cannot be paged however until I get it back so we hold the galleys until then.

If you have type you could set up another lot as we have all the copy ready. There are about 900 species altogether.

Very truly yours
John Macoun

Mr. William Latter
Gazette Office
Montreal.

April 22nd

My dear Sir

We received the [illegible] proof today and have forwarded it to Bourque. It will take about three weeks to have it returned. You may not be aware that it has all to go to Bourque before being typed or Re-printing and others are describing the new species.

You might tell the printer who has made the corrections that they are remarkably well done and the proof is now almost clean. It cannot be typed however until I get it back as we intend putting in them. If you have type you could set up another lot as we have all the copy ready. There are about 900 species altogether.

Very truly yours
James Macoun

Mr. [illegible]
Gazette Office
Montreal.

April 21st

Dear Mr. Hindley

I send today the cuttings & proof which you will please revise and return as soon as possible. Please take an account of the postage on all your letters and manuscript for the year and make an account in the [illegible] when you are through with the proof. I will send you a P.O. Order for the amount. You have no right to keep anything by me.

Please write how many copies you want of the whole part. I understand [illegible] binding in your name but I would be [illegible] from you again. [illegible]

You will notice I have no [illegible] to [illegible] and if [illegible] I will [illegible] from [illegible] as I will [illegible] you. [illegible] this week [illegible] and some [illegible] [illegible] but [illegible] I will be [illegible] and the [illegible] things.

Very truly yours
John [illegible]

Mr. C. Hindley.
Care Mr. C. [illegible]
[illegible]

[illegible]

April 21st

Dear Dr. Hirschberg

I send today per Express [illegible] which you will please [illegible] and return as soon as possible. Please [illegible] the amount of the postage on all your [illegible] and [illegible] for the [illegible] and [illegible] on [illegible] account in the [illegible] when you are [illegible] with the [illegible]. I will [illegible] send you a P.O. Order for the amount. You have no right to charge anything by me.

Please write how many [illegible], you want of the [illegible] I understand no [illegible] in your [illegible] again.

But I want to hear from you regarding [illegible] and [illegible]

You will notice I have no description [illegible] and of one or two [illegible]. It is not [illegible] to have the descriptions as I will present the [illegible] having [illegible] until I have given you this [illegible]. I will send some more [illegible] occasionally but [illegible] is here and I will be out [illegible] only send the duplicate things.

Very truly yours
[illegible]

Dr. W. Hirschberg
[illegible]

April 25th

My dear Madam

In response to your letter of this morning I send by Express today the whole of my Dicranums. They completely fill the box just received from Dr. Austin. The number of mounted specimens is simply immense as you will see. Besides these I send eighteen packets of unnamed Dicranums chiefly which you will kindly and let me know what they are when you reach them in your examination. Lindberg has not reported satisfactorily on them as yet. The few tied with a string are some I put up yesterday with the intention of sending them to you. You will see some are numbered as for Canadian Musci about which I wished to ask your advice. The numbers between 526 and 541 are to be Sphagna. I thought if I sent you a set I could enter them in my catalogue and so have them registered although no one would have them except ourselves until next winter. Should you think well of it let me know and I will send your others in continuation.

April 23rd

My dear Madam

In response to your letter of this morning I send by Express today the whole of my Diaspinae. They completely fill the box just received from Dr. [illegible]. The number of mounted specimens is simply enormous as you will see. Besides these I send eighteen packets of unmounted Diaspinae chiefly which you will look [illegible] what they are when you reach them in your examination. Nothing has ever been reported satisfactorily on them as yet. The four tied with a string are ones I put up yesterday with the intention of sending them to you. You will see some are mentioned as from Louisiana Rivers about which I wished to ask your advice. The numbers between 526 and 541 are to be Aphelopus. I thought if I sent you a set I could enter them in my catalogue and so have them registered although we are not [illegible] them enough [illegible] [illegible]. Should you think well of it let me know and I will send you others in continuation.

2

I have no specimens of [illegible] except some of my Vancouver Island specimens are that species.

I am going out to the woods now and will answer your letters later on.

Very truly yours

John Macoun

Mrs. E. G. Britton
Columbia College
New York.

The box my father speaks of above has gone to you with charges prepaid — at least instructions have been given that they should be paid —, please do not receive the box if there are any charges on it, the express co.s try sometimes to collect at both ends.

Yours truly
Jas. M. Macoun

2

I have no specimens of Crinum [illegible] except those of my Hawaiian Island specimens on that species. I am going out to the woods now and will answer your letter soon.

Very truly yours
John Macoun

Mrs. E. G. Britton
Columbia College
New York

[illegible]

Ottawa April 24th

Dr. Theodor Holm
U.S. National Museum
Washington D.C.

Dear Sir.

Very many thanks for the copy of "Contribution to the knowledge of the [illegible] of some North American Plants" which you have so kindly sent me. I had already seen it noticed and a copy had been ordered for our library here but I am very glad to have a copy for myself. I send you to-day two bulbs of Camassia esculenta, which are approaching maturity and to-morrow I shall bring from my home and mail to you bulbs that have not yet flowered. I hope they may prove of interest. In a bundle of plants received recently from Miss Mason of Lawrence I found a number that had been collected in Denmark by you

Yours sincerely
Jas. M. Macoun.

Did the packet of plants I sent you some time ago [illegible] you all right?

P.S. I shall remain in Eastern Canada during the coming season as there is a great deal of work to do that will make little time for much but is interesting work. If you would like to see something of our northern woods I would be very glad to go with you to any part of the country you might come to.
J.M.M.

No. 1341

April 24th 1

My dear Sir

I have had another day at your mosses and send the results in the parcel that accompanies this. The Ulotas are very interesting and very difficult. I will send Ulotas Communities cripa & crispula to Europe and let you know if any change is made.

If you so desire you can collect Lichens this season as I am going to work at them but should you send any please send me scraps as they are useless and no one wants to bother with them.

In your letter of Jan. no date you mention sending me a packet of Hepaticae to name. I have no time nor scarcely the ability to do it. My time is so taken up with other work that I cannot spare time to mount microscopic slides for such work. I have turned all my material over to Dr. Underwood I will send the specimens back in the next letter. Send no Hepaticae to me but you can send Lichens. I will arrange the Hepaticae and indicate their names before I return them.

There is no one in America except Dr. Underwood who works at Hepaticae and Mr. Britton is working at mosses. Besides these and myself scarcely any one

No. 1041

April 25th 1

My dear Sir

I have had another day of your moons and send the results in the papers that accompany this. The details are very interesting and very difficult. I will send details [illegible], [illegible] to [illegible] and let you know if any change is made.

If you so desire you can collect [illegible] this [illegible] as I am giving the results of them but should you send any plans send me words as they are made and we are [illegible] the letter with them.

In your letter of Jan. [illegible] your remarks ending on a question of [illegible] the names. I have no time now to carry the ability to do it. My time is so taken up with other work that I cannot spare time to [illegible] [illegible] for such work. I have turned all my material over to Dr. [illegible] and I will send the [illegible] [illegible] in the next letter. [illegible] [illegible] to me but you can send [illegible]. I will arrange the [illegible] and [illegible] then [illegible] before I return them.

There is one [illegible] in America [illegible] Dr. [illegible] other works of [illegible] and Mr. [illegible] is [illegible] of [illegible] [illegible] and [illegible] [illegible] [illegible]

2

can tell anything about this Order.

When I find a moss of yours that I cannot determine with certainty I send it to Europe if the specimen is fit and when I hear of it I let you know, I will do this always if you see to it that good material comes to me. Remember every specimen has to be examined under a microscope and every part is necessary in the case of a large genus like Bryum or Hypnum.

The catalogue is going through the press now and I am seeing that your species are being worked up to be entered in their proper places.

I will send all your Racomitriums to Europe as I see your list does not correspond with my determinations I see by your letter of Feb. 17 that Geo. E. Stafield (?) is coming your lichens so you might send me a second series as I will be getting the catalogue ready this winter. The Geological Report with Geo. Bell's Labrador Plants can only be had by purchase but you can get them all in Parts III 18[illegible] of my catalogue. I am glad you are making such good specimens now and hope you will continue to do so. I will always return your paper if I do not the specimens, so see that the one specimen is a duplicate of the others. The Sphagna have turned out well and I have all the forms in the catalogue.

can do anything about the Orders.

When I find a new [illegible] of yours that I cannot determine with certainty I send it to [illegible] if the specimen is fit and when I have got it I let you know. I will do this always if you see to it that your material comes to me. Remember every specimen has to be examined under a microscope and every part is necessary in the case of a large genus like Scymnus or Hyperaspis.

The catalogue is going through the press now and I am seeing that your species as they are described [illegible] to be entered in their proper places.

I will send all your Coccinellidae to [illegible] as I see your list does not correspond with my determinations. I see by your letter of Feb. 11 that [illegible] is [illegible] ing your [illegible] you might send me a second [illegible] as I will be getting the catalogue ready this winter. The [illegible] with [illegible] [illegible] can only be had by purchase but you can get them at [illegible] III 14 + 15 [illegible] Catalogue. I am glad you are making such good specimens now. And hope you will continue to do so. I will always return your paper of [illegible]. I do not [illegible] the specimens; [illegible] that the [illegible] specimen is a duplicate of the [illegible]. The [illegible] have been [illegible] and I have all the forms in the catalogue.

I have no less than 23 species altogether. I will arrange the unnamed Hepatics and send to Dr. Underwood when I hear from him.

Mucilage or white glue are both good for mounting. I prefer the latter.

My time is up. I have still three other letters of yours.

Very truly yours
John Macoun

Rev. A. Waghorne
New Harbor
Newfoundland

I have not been there 23 years altogether. I [illegible]
the [illegible] and [illegible] when
I was there.
[illegible] in which you are [illegible] for
[illegible]. I prefer the latter.
My time is up. I have still
three other letters of yours.

Very truly yours
John Murray

Rev. A. Macpherson
[illegible]
Newfoundland